

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018603.D
 Acq On : 14 Jun 2024 18:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
 Supervised By :Semsettin Yesilyurt 06/17/2024

Quant Time: Jun 14 23:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.776	168	135147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70436	51.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.540%			
35) Dibromofluoromethane	7.709	113	74558	52.723	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.440%			
50) Toluene-d8	10.172	98	301982	55.529	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.060%			
62) 4-Bromofluorobenzene	12.477	95	98747	57.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	48800	54.824	ug/l	96
3) Chloromethane	2.107	50	106117	57.884	ug/l	97
4) Vinyl Chloride	2.241	62	139572	61.477	ug/l	100
5) Bromomethane	2.637	94	86143	51.048	ug/l	97
6) Chloroethane	2.777	64	85518	57.501	ug/l	99
7) Trichlorofluoromethane	3.106	101	135875	55.578	ug/l	99
8) Diethyl Ether	3.509	74	33134	47.533	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	71940	56.318	ug/l	95
10) Methyl Iodide	4.076	142	80787	52.275	ug/l	97
11) Tert butyl alcohol	4.935	59	29388	120.076	ug/l #	88
12) 1,1-Dichloroethene	3.856	96	69282	53.971	ug/l	99
13) Acrolein	3.710	56	19221	244.279	ug/l	98
14) Allyl chloride	4.460	41	90018	52.015	ug/l	94
15) Acrylonitrile	5.143	53	71917	231.913	ug/l	99
16) Acetone	3.930	43	52766	190.610	ug/l	88
17) Carbon Disulfide	4.173	76	206996	53.028	ug/l	99
18) Methyl Acetate	4.466	43	35846	51.051	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	163451	47.733	ug/l	99
20) Methylene Chloride	4.698	84	88745	52.458	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	78080	53.431	ug/l	99
22) Diisopropyl ether	6.100	45	209764	53.691	ug/l	94
23) Vinyl Acetate	6.045	43	776638	214.478	ug/l	97
24) 1,1-Dichloroethane	6.002	63	132036	52.458	ug/l	97
25) 2-Butanone	6.972	43	89957	216.790	ug/l	91
26) 2,2-Dichloropropane	6.966	77	93936	44.297	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	92141	52.202	ug/l	99
28) Bromochloromethane	7.319	49	53136	51.506	ug/l	91
29) Tetrahydrofuran	7.337	42	61443	241.287	ug/l	95
30) Chloroform	7.496	83	140004	51.039	ug/l	99
31) Cyclohexane	7.776	56	114977	55.165	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	125124	53.693	ug/l	98
36) 1,1-Dichloropropene	7.904	75	103018	52.925	ug/l	98
37) Ethyl Acetate	7.057	43	42616	46.444	ug/l	98
38) Carbon Tetrachloride	7.892	117	109351	53.547	ug/l	99
39) Methylcyclohexane	9.172	83	143267	60.069	ug/l	99
40) Benzene	8.148	78	320514	53.242	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018603.D
 Acq On : 14 Jun 2024 18:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
 Supervised By :Semsettin Yesilyurt 06/17/2024

Quant Time: Jun 14 23:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	21123	45.770	ug/l	95
42) 1,2-Dichloroethane	8.227	62	77340	49.245	ug/l	99
43) Isopropyl Acetate	8.264	43	81155	47.386	ug/l #	84
44) Trichloroethene	8.929	130	80815	51.276	ug/l	89
45) 1,2-Dichloropropane	9.209	63	70371	51.123	ug/l	94
46) Dibromomethane	9.300	93	43051	50.405	ug/l	95
47) Bromodichloromethane	9.489	83	102871	50.464	ug/l	99
48) Methyl methacrylate	9.288	41	37782	49.003	ug/l	94
49) 1,4-Dioxane	9.288	88	10213	909.197	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	220557	244.488	ug/l	94
52) Toluene	10.239	92	210895	54.565	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	87429	49.078	ug/l	91
54) cis-1,3-Dichloropropene	9.922	75	105393	49.025	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	56117	49.398	ug/l	96
56) Ethyl methacrylate	10.501	69	74189	49.906	ug/l	91
57) 1,3-Dichloropropane	10.782	76	93796	49.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	146790	204.543	ug/l	99
59) 2-Hexanone	10.825	43	147242	233.014	ug/l	97
60) Dibromochloromethane	10.977	129	71791	50.872	ug/l	99
61) 1,2-Dibromoethane	11.081	107	53793	51.237	ug/l	98
64) Tetrachloroethene	10.715	164	83275	54.643	ug/l	97
65) Chlorobenzene	11.514	112	227107	51.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	74629	50.453	ug/l	99
67) Ethyl Benzene	11.587	91	407793	53.245	ug/l	98
68) m/p-Xylenes	11.696	106	316728	106.279	ug/l	100
69) o-Xylene	12.026	106	148102	51.679	ug/l	98
70) Styrene	12.038	104	253448	53.533	ug/l	99
71) Bromoform	12.202	173	39443	48.597	ug/l #	98
73) Isopropylbenzene	12.324	105	400520	52.457	ug/l	99
74) N-amyl acetate	12.141	43	78031	49.908	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.574	83	64420	47.518	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	40950m	41.751	ug/l	
77) Bromobenzene	12.605	156	87968	49.819	ug/l	97
78) n-propylbenzene	12.666	91	470170	52.618	ug/l	99
79) 2-Chlorotoluene	12.751	91	257426	51.036	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	320334	52.937	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	15937	42.562	ug/l	88
82) 4-Chlorotoluene	12.849	91	259448	51.080	ug/l	97
83) tert-Butylbenzene	13.074	119	298677	53.330	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	319521	52.829	ug/l	100
85) sec-Butylbenzene	13.251	105	439289	54.996	ug/l	100
86) p-Isopropyltoluene	13.367	119	362555	53.538	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	178940	50.243	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	174974	50.066	ug/l	99
89) n-Butylbenzene	13.690	91	329843	54.039	ug/l	99
90) Hexachloroethane	13.958	117	67749	55.073	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	156969	51.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	9244	47.089	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	84006	49.561	ug/l	99
94) Hexachlorobutadiene	15.110	225	45799	52.588	ug/l	98
95) Naphthalene	15.232	128	165024	52.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	74383	51.938	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
Data File : VY018603.D
Acq On : 14 Jun 2024 18:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
Supervised By :Semsettin Yesilyurt 06/17/2024

Quant Time: Jun 14 23:25:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
Data File : VY018603.D
Acq On : 14 Jun 2024 18:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 14 23:25:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
Supervised By :Semsettin Yesilyurt 06/17/2024

