

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018537.D
 Acq On : 07 Jun 2024 19:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 07 23:19:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	39374	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	63896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	62197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36779	47.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.120%		
35) Dibromofluoromethane	7.710	113	35189	43.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.860%		
50) Toluene-d8	10.173	98	137147	42.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.100%		
62) 4-Bromofluorobenzene	12.477	95	45899	45.734	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	24974	39.938	ug/l	96
3) Chloromethane	2.101	50	78138	67.003	ug/l	100
4) Vinyl Chloride	2.241	62	88122	63.175	ug/l	96
5) Bromomethane	2.631	94	56626	60.847	ug/l	99
6) Chloroethane	2.778	64	59877	67.988	ug/l	99
7) Trichlorofluoromethane	3.107	101	80503	55.779	ug/l	94
8) Diethyl Ether	3.515	74	23787	54.777	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.881	101	41165	48.983	ug/l	88
10) Methyl Iodide	4.070	142	43933	53.222	ug/l	93
11) Tert butyl alcohol	4.948	59	20422	232.998	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	41278	49.972	ug/l	83
13) Acrolein	3.717	56	24898	314.575	ug/l	98
14) Allyl chloride	4.460	41	74503	61.586	ug/l #	92
15) Acrylonitrile	5.143	53	65129	327.955	ug/l	97
16) Acetone	3.930	43	45203	263.387	ug/l #	87
17) Carbon Disulfide	4.174	76	129115	53.285	ug/l	100
18) Methyl Acetate	4.460	43	29863	69.584	ug/l #	87
19) Methyl tert-butyl Ether	5.204	73	119280	59.917	ug/l	97
20) Methylene Chloride	4.698	84	51251	55.054	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	49945	56.660	ug/l	93
22) Diisopropyl ether	6.106	45	164434	66.745	ug/l #	93
23) Vinyl Acetate	6.045	43	541614	337.803	ug/l #	90
24) 1,1-Dichloroethane	5.997	63	93248	60.683	ug/l	95
25) 2-Butanone	6.972	43	82947	315.489	ug/l #	86
26) 2,2-Dichloropropane	6.966	77	60200	44.574	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	59645	58.169	ug/l	90
28) Bromochloromethane	7.320	49	41276	58.371	ug/l #	74
29) Tetrahydrofuran	7.338	42	61137	358.056	ug/l #	83
30) Chloroform	7.496	83	90002	58.397	ug/l	95
31) Cyclohexane	7.771	56	82704	57.365	ug/l #	84
32) 1,1,1-Trichloroethane	7.691	97	74694	55.334	ug/l	95
36) 1,1-Dichloropropene	7.905	75	68825	55.709	ug/l	95
37) Ethyl Acetate	7.057	43	39896	64.643	ug/l	97
38) Carbon Tetrachloride	7.887	117	62417	50.417	ug/l	96
39) Methylcyclohexane	9.173	83	90897	54.426	ug/l	94
40) Benzene	8.149	78	213019	57.547	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018537.D
 Acq On : 07 Jun 2024 19:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 07 23:19:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	20912	69.659	ug/l #	89
42) 1,2-Dichloroethane	8.228	62	55498	61.668	ug/l	97
43) Isopropyl Acetate	8.265	43	76751	66.507	ug/l #	89
44) Trichloroethene	8.935	130	48072	52.405	ug/l	91
45) 1,2-Dichloropropane	9.209	63	52036	61.468	ug/l	99
46) Dibromomethane	9.301	93	28922	59.588	ug/l	88
47) Bromodichloromethane	9.490	83	68288	58.612	ug/l #	99
48) Methyl methacrylate	9.283	41	35419	66.709	ug/l #	83
49) 1,4-Dioxane	9.295	88	8057	1264.086	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	209113	348.966	ug/l	90
52) Toluene	10.240	92	133361	58.576	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	63203	59.072	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	73997	56.170	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	37842	59.927	ug/l	93
56) Ethyl methacrylate	10.502	69	58812	66.185	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	68849	64.225	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	144310	302.423	ug/l	93
59) 2-Hexanone	10.825	43	145700	351.850	ug/l	89
60) Dibromochloromethane	10.977	129	44228	57.330	ug/l	100
61) 1,2-Dibromoethane	11.087	107	36570	61.500	ug/l	98
64) Tetrachloroethene	10.715	164	46980	51.279	ug/l	94
65) Chlorobenzene	11.514	112	137546	51.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	44020	51.040	ug/l	99
67) Ethyl Benzene	11.587	91	258594	53.265	ug/l	98
68) m/p-Xylenes	11.697	106	197052	107.792	ug/l	96
69) o-Xylene	12.026	106	94200	53.530	ug/l	96
70) Styrene	12.038	104	163210	56.764	ug/l	98
71) Bromoform	12.203	173	23189	51.037	ug/l #	99
73) Isopropylbenzene	12.325	105	246582	49.847	ug/l	99
74) N-amyl acetate	12.142	43	69845	58.006	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	45369	52.101	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	37681m	63.391	ug/l	
77) Bromobenzene	12.605	156	51259	48.803	ug/l	88
78) n-propylbenzene	12.666	91	305010	51.373	ug/l	96
79) 2-Chlorotoluene	12.752	91	167965	52.039	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	199596	51.806	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	12874	45.502	ug/l	88
82) 4-Chlorotoluene	12.849	91	170153	52.387	ug/l	97
83) tert-Butylbenzene	13.069	119	178006	49.964	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	201867	53.518	ug/l	97
85) sec-Butylbenzene	13.251	105	270971	51.645	ug/l	98
86) p-Isopropyltoluene	13.367	119	221725	52.360	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	108126	52.189	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	105904	52.031	ug/l	98
89) n-Butylbenzene	13.696	91	213921	53.161	ug/l	98
90) Hexachloroethane	13.959	117	39640	49.942	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	94520	52.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6908	52.132	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	48493	49.734	ug/l	96
94) Hexachlorobutadiene	15.111	225	23540	45.457	ug/l	97
95) Naphthalene	15.233	128	108046	55.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41443	50.236	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
Data File : VY018537.D
Acq On : 07 Jun 2024 19:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 07 23:19:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

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

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

