

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009186.D
 Acq On : 15 Jun 2022 14:48
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 02:24:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:21:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	184031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95067	48.045	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.080%		
35) Dibromofluoromethane	7.710	113	95960	50.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.080%		
50) Toluene-d8	10.173	98	362884	50.374	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.740%		
62) 4-Bromofluorobenzene	12.477	95	125598	47.154	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62976	39.407	ug/l	96
3) Chloromethane	2.107	50	81841	36.192	ug/l	95
4) Vinyl Chloride	2.241	62	89093	27.423	ug/l	98
5) Bromomethane	2.637	94	60312	18.860	ug/l	99
6) Chloroethane	2.784	64	57097	24.800	ug/l	99
7) Trichlorofluoromethane	3.113	101	137280	46.113	ug/l	95
8) Diethyl Ether	3.521	74	54489	55.974	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	86782	47.354	ug/l	97
10) Methyl Iodide	4.082	142	119398	61.354	ug/l	89
11) Tert butyl alcohol	4.948	59	53161	270.639	ug/l	96
12) 1,1-Dichloroethene	3.863	96	86498	50.131	ug/l #	77
13) Acrolein	3.723	56	11889	181.503	ug/l	99
14) Allyl chloride	4.466	41	161543	59.959	ug/l	91
15) Acrylonitrile	5.149	53	149594	275.885	ug/l	97
16) Acetone	3.942	43	110771	274.533	ug/l #	87
17) Carbon Disulfide	4.180	76	255193	46.198	ug/l	98
18) Methyl Acetate	4.466	43	68631	54.948	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	267805	51.485	ug/l	97
20) Methylene Chloride	4.704	84	107636	37.368	ug/l	82
21) trans-1,2-Dichloroethene	5.210	96	107191	48.510	ug/l	88
22) Diisopropyl ether	6.112	45	333697	52.939	ug/l	92
23) Vinyl Acetate	6.051	43	1106148	266.732	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	187316	50.125	ug/l	99
25) 2-Butanone	6.978	43	192845	271.194	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	161454	47.364	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	124522	50.047	ug/l	87
28) Bromochloromethane	7.326	49	82337	60.928	ug/l	88
29) Tetrahydrofuran	7.338	42	131490	272.552	ug/l	90
30) Chloroform	7.502	83	192538	48.107	ug/l	96
31) Cyclohexane	7.777	56	172538	47.114	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	170085	47.225	ug/l	96
36) 1,1-Dichloropropene	7.911	75	151599	48.852	ug/l	99
37) Ethyl Acetate	7.063	43	87247	53.128	ug/l #	94
38) Carbon Tetrachloride	7.893	117	153729	47.592	ug/l	99
39) Methylcyclohexane	9.179	83	184709	46.849	ug/l	92
40) Benzene	8.155	78	434980	48.727	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009186.D
 Acq On : 15 Jun 2022 14:48
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 02:24:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:21:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	55276m	65.145	ug/l	
42) 1,2-Dichloroethane	8.234	62	124515	47.626	ug/l	91
43) Isopropyl Acetate	8.264	43	161960	53.402	ug/l #	91
44) Trichloroethene	8.935	130	122536	51.227	ug/l	98
45) 1,2-Dichloropropane	9.209	63	111572	51.629	ug/l	96
46) Dibromomethane	9.301	93	63680	47.048	ug/l	98
47) Bromodichloromethane	9.490	83	150996	48.493	ug/l	97
48) Methyl methacrylate	9.289	41	74944	55.344	ug/l	88
49) 1,4-Dioxane	9.295	88	18444	1005.649	ug/l #	87
51) 4-Methyl-2-Pentanone	10.063	43	421838	255.417	ug/l	91
52) Toluene	10.240	92	275406	45.190	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	158849	48.495	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	180326	50.437	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	91146	48.128	ug/l	98
56) Ethyl methacrylate	10.502	69	125099	51.479	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	154364	49.697	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	252238	241.439	ug/l	95
59) 2-Hexanone	10.825	43	288459	256.564	ug/l	89
60) Dibromochloromethane	10.977	129	109929	48.012	ug/l	99
61) 1,2-Dibromoethane	11.081	107	89346	47.787	ug/l	97
64) Tetrachloroethene	10.715	164	129148	63.377	ug/l	98
65) Chlorobenzene	11.514	112	297450	49.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	109285	49.532	ug/l	97
67) Ethyl Benzene	11.587	91	522357	48.537	ug/l	99
68) m/p-Xylenes	11.697	106	409678	95.058	ug/l	91
69) o-Xylene	12.026	106	195558	48.572	ug/l	92
70) Styrene	12.038	104	325500	47.642	ug/l	96
71) Bromoform	12.203	173	69466	48.183	ug/l #	98
73) Isopropylbenzene	12.325	105	510427	52.427	ug/l	98
74) N-amyl acetate	12.142	43	137671	59.685	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	98175	49.192	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	71103m	49.679	ug/l	
77) Bromobenzene	12.605	156	124001	54.222	ug/l	93
78) n-propylbenzene	12.666	91	616781	51.672	ug/l	97
79) 2-Chlorotoluene	12.751	91	343675	53.068	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	425158	52.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	36442	53.176	ug/l	87
82) 4-Chlorotoluene	12.849	91	354335	51.878	ug/l	96
83) tert-Butylbenzene	13.068	119	381016	52.969	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	422466	52.805	ug/l	97
85) sec-Butylbenzene	13.251	105	551899	50.826	ug/l	98
86) p-Isopropyltoluene	13.367	119	462093	51.116	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	236253	49.976	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	240209	50.417	ug/l	98
89) n-Butylbenzene	13.690	91	432455	51.856	ug/l	98
90) Hexachloroethane	13.959	117	86179	50.363	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	218221	51.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18318	57.544	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	141279	58.710	ug/l	100
94) Hexachlorobutadiene	15.111	225	75677	57.782	ug/l	98
95) Naphthalene	15.233	128	300231	61.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	123846	59.037	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
Data File : VY009186.D
Acq On : 15 Jun 2022 14:48
Operator : KP/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 02:24:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:21:19 2022
Response via : Initial Calibration

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

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

