

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075014.D
 Acq On : 14 Dec 2022 11:06
 Operator : KP/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	306358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16053	12.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.960%#		
35) Dibromofluoromethane	7.810	113	19687	10.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.540%#		
50) Toluene-d8	10.269	98	61053	10.387	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.780%#		
62) 4-Bromofluorobenzene	12.575	95	18070	9.575	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12154	11.489	ug/l	97
3) Chloromethane	2.146	50	25090	12.478	ug/l	97
4) Vinyl Chloride	2.281	62	24549	11.287	ug/l	97
5) Bromomethane	2.687	94	17422	11.035	ug/l	99
6) Chloroethane	2.834	64	17775	11.048	ug/l	97
7) Trichlorofluoromethane	3.169	101	28354	10.706	ug/l	95
8) Diethyl Ether	3.593	74	8907	11.251	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	17356	10.057	ug/l	98
10) Methyl Iodide	4.158	142	11556	8.586	ug/l	98
11) Tert butyl alcohol	5.063	59	5516	56.642	ug/l #	76
12) 1,1-Dichloroethene	3.934	96	17375	10.511	ug/l #	88
13) Acrolein	3.799	56	9162	51.729	ug/l	97
14) Allyl chloride	4.564	41	19220	10.173	ug/l	99
15) Acrylonitrile	5.258	53	16985	50.842	ug/l	99
16) Acetone	4.028	43	16548	49.567	ug/l	96
17) Carbon Disulfide	4.269	76	45730	12.139	ug/l	97
18) Methyl Acetate	4.564	43	9498	10.318	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	34834	9.906	ug/l	95
20) Methylene Chloride	4.793	84	31309	12.153	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	18877	10.473	ug/l	95
22) Diisopropyl ether	6.216	45	42862	9.916	ug/l	95
23) Vinyl Acetate	6.163	43	92726m	51.124	ug/l	
24) 1,1-Dichloroethane	6.111	63	32380	10.555	ug/l	94
25) 2-Butanone	7.087	43	21360	50.799	ug/l	95
26) 2,2-Dichloropropane	7.069	77	28976	10.051	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	21748	10.207	ug/l	98
28) Bromochloromethane	7.428	49	10409	10.611	ug/l	98
29) Tetrahydrofuran	7.446	42	11060	49.142	ug/l	99
30) Chloroform	7.599	83	34316	10.258	ug/l	96
31) Cyclohexane	7.875	56	25571	11.119	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	28988	10.129	ug/l	99
36) 1,1-Dichloropropene	8.010	75	24010	9.530	ug/l	99
37) Ethyl Acetate	7.163	43	9282	9.415	ug/l #	94
38) Carbon Tetrachloride	7.987	117	21243	9.013	ug/l	96
39) Methylcyclohexane	9.275	83	23158	9.029	ug/l	93
40) Benzene	8.252	78	73073	9.657	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075014.D
 Acq On : 14 Dec 2022 11:06
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4880	9.548	ug/l	88
42) 1,2-Dichloroethane	8.328	62	18540	10.211	ug/l	96
43) Isopropyl Acetate	8.363	43	15671	9.476	ug/l #	90
44) Trichloroethene	9.028	130	20680	10.443	ug/l	90
45) 1,2-Dichloropropane	9.310	63	15242	8.885	ug/l	100
46) Dibromomethane	9.393	93	8512	9.133	ug/l	96
47) Bromodichloromethane	9.587	83	21230	8.973	ug/l #	90
48) Methyl methacrylate	9.375	41	6267	8.632	ug/l	93
49) 1,4-Dioxane	9.381	88	1689	161.897	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	35580	43.042	ug/l	98
52) Toluene	10.334	92	39537	8.843	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	18654	8.554	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	23020	8.702	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	12521	9.200	ug/l	92
56) Ethyl methacrylate	10.598	69	12522	8.381	ug/l	99
57) 1,3-Dichloropropane	10.881	76	20145	9.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	24904	41.018	ug/l	99
59) 2-Hexanone	10.922	43	25095	41.686	ug/l	99
60) Dibromochloromethane	11.075	129	13863	8.721	ug/l	96
61) 1,2-Dibromoethane	11.181	107	11218	9.131	ug/l	98
64) Tetrachloroethene	10.810	164	14243	10.223	ug/l	97
65) Chlorobenzene	11.610	112	44196	10.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	15121	9.776	ug/l	98
67) Ethyl Benzene	11.687	91	73042	9.608	ug/l	98
68) m/p-Xylenes	11.793	106	58367	19.566	ug/l	99
69) o-Xylene	12.122	106	27554	9.751	ug/l	95
70) Styrene	12.134	104	45964	9.464	ug/l	100
71) Bromoform	12.304	173	8061	10.139	ug/l #	100
73) Isopropylbenzene	12.422	105	71304	9.472	ug/l	99
74) N-amyl acetate	12.234	43	12153	9.238	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	13734	10.149	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	10230m	10.351	ug/l	
77) Bromobenzene	12.704	156	16925	9.882	ug/l	99
78) n-propylbenzene	12.763	91	87774	9.523	ug/l	100
79) 2-Chlorotoluene	12.851	91	48822	9.724	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	59207	9.515	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	3700	9.513	ug/l	94
82) 4-Chlorotoluene	12.951	91	52040	9.995	ug/l	99
83) tert-Butylbenzene	13.169	119	49433	9.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	59004	9.563	ug/l	99
85) sec-Butylbenzene	13.345	105	78939	9.465	ug/l	100
86) p-Isopropyltoluene	13.463	119	64540	9.287	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	35635	9.844	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	36493	10.214	ug/l	98
89) n-Butylbenzene	13.787	91	60745	9.350	ug/l	98
90) Hexachloroethane	14.051	117	11783	9.542	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	31344	10.144	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1856	10.355	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	18371	9.646	ug/l	99
94) Hexachlorobutadiene	15.204	225	9164	9.345	ug/l	97
95) Naphthalene	15.334	128	34198	9.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	15604	9.660	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
Data File : VD075014.D
Acq On : 14 Dec 2022 11:06
Operator : KP/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:02:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 15 03:01:37 2022
Response via : Initial Calibration

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

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

