

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075057.D
 Acq On : 27 Dec 2022 17:12
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 28 01:53:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	124296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	84120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69361	57.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.180%			
35) Dibromofluoromethane	7.805	113	73764	54.787	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.580%			
50) Toluene-d8	10.269	98	275721	50.684	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.575	95	92044	52.228	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31463	52.832	ug/l	96
3) Chloromethane	2.146	50	58645	59.206	ug/l	98
4) Vinyl Chloride	2.281	62	56115	54.438	ug/l	98
5) Bromomethane	2.681	94	25162	57.302	ug/l	98
6) Chloroethane	2.834	64	35172	53.893	ug/l	99
7) Trichlorofluoromethane	3.170	101	82867	52.382	ug/l	99
8) Diethyl Ether	3.593	74	34072	56.168	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	59914	53.755	ug/l	98
10) Methyl Iodide	4.158	142	41012	42.866	ug/l	99
11) Tert butyl alcohol	5.064	59	26777	294.255	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	55248	51.301	ug/l	87
13) Acrolein	3.793	56	34276	234.335	ug/l	97
14) Allyl chloride	4.558	41	99713	53.209	ug/l #	90
15) Acrylonitrile	5.258	53	89813	292.397	ug/l	99
16) Acetone	4.022	43	101888	322.892	ug/l	99
17) Carbon Disulfide	4.270	76	103561	51.507	ug/l	99
18) Methyl Acetate	4.564	43	41327	56.783	ug/l	89
19) Methyl tert-butyl Ether	5.317	73	167162	58.438	ug/l	98
20) Methylene Chloride	4.805	84	80628	58.884	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	61115	51.135	ug/l #	86
22) Diisopropyl ether	6.216	45	223847	55.453	ug/l	93
23) Vinyl Acetate	6.152	43	569660	312.048	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	127489	54.073	ug/l	98
25) 2-Butanone	7.081	43	126992	301.579	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	111055	52.728	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	82412	54.663	ug/l	89
28) Bromochloromethane	7.422	49	44201	54.157	ug/l	82
29) Tetrahydrofuran	7.446	42	68389	281.708	ug/l #	84
30) Chloroform	7.599	83	128650	55.882	ug/l	99
31) Cyclohexane	7.875	56	91030	53.196	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	106369	53.395	ug/l	95
36) 1,1-Dichloropropene	8.010	75	84577	48.633	ug/l	100
37) Ethyl Acetate	7.169	43	48638	55.366	ug/l	94
38) Carbon Tetrachloride	7.993	117	80156	53.304	ug/l	98
39) Methylcyclohexane	9.269	83	102220	48.399	ug/l	93
40) Benzene	8.252	78	270945	51.174	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28565	52.261	ug/l	94
42) 1,2-Dichloroethane	8.328	62	73655	54.526	ug/l	99
43) Isopropyl Acetate	8.358	43	96826	54.788	ug/l #	90
44) Trichloroethene	9.028	130	74197	50.879	ug/l	99
45) 1,2-Dichloropropane	9.305	63	74770	52.724	ug/l	95
46) Dibromomethane	9.393	93	38384	54.422	ug/l	99
47) Bromodichloromethane	9.587	83	98303	53.519	ug/l	99
48) Methyl methacrylate	9.381	41	42509	52.954	ug/l	86
49) 1,4-Dioxane	9.381	88	10187	1146.099	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	248286	284.397	ug/l	92
52) Toluene	10.334	92	166603	49.414	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	99188	55.503	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	115176	53.482	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	56257	54.471	ug/l	97
56) Ethyl methacrylate	10.599	69	74757	54.989	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	94457	54.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	153921	275.832	ug/l	95
59) 2-Hexanone	10.922	43	185384	292.008	ug/l	91
60) Dibromochloromethane	11.075	129	66961	56.593	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50384	54.416	ug/l	98
64) Tetrachloroethene	10.810	164	58113	49.929	ug/l	97
65) Chlorobenzene	11.610	112	188965	52.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	66776	53.098	ug/l	99
67) Ethyl Benzene	11.687	91	330664	49.749	ug/l	100
68) m/p-Xylenes	11.793	106	250329	99.335	ug/l	100
69) o-Xylene	12.122	106	121898	50.285	ug/l	99
70) Styrene	12.140	104	206941	50.776	ug/l	97
71) Bromoform	12.299	173	37602	55.108	ug/l #	99
73) Isopropylbenzene	12.422	105	323046	50.090	ug/l	99
74) N-amyl acetate	12.234	43	87170	53.250	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	62282	54.157	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	45950m	53.274	ug/l	
77) Bromobenzene	12.704	156	72968	53.003	ug/l	95
78) n-propylbenzene	12.763	91	389991	49.369	ug/l	100
79) 2-Chlorotoluene	12.851	91	217670	50.437	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	260809	50.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19210	51.618	ug/l	91
82) 4-Chlorotoluene	12.951	91	223625	50.785	ug/l	97
83) tert-Butylbenzene	13.169	119	231505	50.280	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	252697	49.951	ug/l	100
85) sec-Butylbenzene	13.345	105	345764	48.912	ug/l	100
86) p-Isopropyltoluene	13.463	119	278086	49.311	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	138452	51.473	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	141711	52.743	ug/l	99
89) n-Butylbenzene	13.787	91	276801	49.144	ug/l	99
90) Hexachloroethane	14.057	117	49822	49.716	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	126303	53.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9475	53.616	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	84670	54.218	ug/l	98
94) Hexachlorobutadiene	15.204	225	38137	48.851	ug/l	94
95) Naphthalene	15.334	128	184872	56.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	74156	55.329	ug/l	98

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

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