

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074816.D
 Acq On : 08 Nov 2022 21:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 23:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	142712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57632	50.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.980%			
35) Dibromofluoromethane	7.804	113	71733	52.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.300%			
50) Toluene-d8	10.269	98	229650	45.772	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.540%			
62) 4-Bromofluorobenzene	12.569	95	70960	48.984	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	49219	41.992	ug/l	98
3) Chloromethane	2.146	50	85837	45.892	ug/l	94
4) Vinyl Chloride	2.281	62	98927	48.229	ug/l	98
5) Bromomethane	2.687	94	76693	49.347	ug/l	98
6) Chloroethane	2.834	64	74853	52.650	ug/l	99
7) Trichlorofluoromethane	3.175	101	118505	49.730	ug/l	96
8) Diethyl Ether	3.593	74	36622	52.607	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	75278	49.730	ug/l	99
10) Methyl Iodide	4.158	142	90252	46.416	ug/l	99
11) Tert butyl alcohol	5.046	59	19294	125.730	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	75710	49.244	ug/l	92
13) Acrolein	3.793	56	11981	154.012	ug/l	97
14) Allyl chloride	4.563	41	81144	49.882	ug/l	99
15) Acrylonitrile	5.258	53	72395	263.169	ug/l	99
16) Acetone	4.022	43	51253	217.289	ug/l	100
17) Carbon Disulfide	4.269	76	221976	47.879	ug/l	99
18) Methyl Acetate	4.563	43	32602	45.707	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	161176	55.122	ug/l	98
20) Methylene Chloride	4.799	84	104468	52.554	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	88070	52.119	ug/l	91
22) Diisopropyl ether	6.216	45	186313	55.492	ug/l	96
23) Vinyl Acetate	6.157	43	393656	275.769	ug/l	99
24) 1,1-Dichloroethane	6.116	63	132904	51.754	ug/l	98
25) 2-Butanone	7.081	43	78696	242.650	ug/l	91
26) 2,2-Dichloropropane	7.075	77	116981	49.507	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	99430	53.343	ug/l	97
28) Bromochloromethane	7.422	49	45602	56.271	ug/l	99
29) Tetrahydrofuran	7.440	42	49760	267.530	ug/l	99
30) Chloroform	7.599	83	149802	54.604	ug/l	100
31) Cyclohexane	7.881	56	109609	47.897	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	129432	53.406	ug/l	97
36) 1,1-Dichloropropene	8.004	75	110169	52.769	ug/l	100
37) Ethyl Acetate	7.169	43	37942	54.479	ug/l	97
38) Carbon Tetrachloride	7.993	117	102507	51.824	ug/l	96
39) Methylcyclohexane	9.275	83	117375	46.209	ug/l	95
40) Benzene	8.251	78	332720	53.918	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19845	48.503	ug/l	96
42) 1,2-Dichloroethane	8.328	62	78259	55.164	ug/l	100
43) Isopropyl Acetate	8.363	43	67940	52.427	ug/l	99
44) Trichloroethene	9.028	130	93096	52.952	ug/l	98
45) 1,2-Dichloropropane	9.304	63	68762	50.383	ug/l	95
46) Dibromomethane	9.393	93	39558	50.017	ug/l	95
47) Bromodichloromethane	9.587	83	97191	51.043	ug/l	95
48) Methyl methacrylate	9.381	41	29302	50.741	ug/l	93
49) 1,4-Dioxane	9.381	88	7894	989.719	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	160793	255.865	ug/l	99
52) Toluene	10.334	92	191084	50.575	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	87237	51.801	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	107317	50.784	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	55867	51.995	ug/l	96
56) Ethyl methacrylate	10.598	69	62214	51.789	ug/l	95
57) 1,3-Dichloropropane	10.881	76	90694	52.394	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	83947	272.704	ug/l	98
59) 2-Hexanone	10.922	43	108607	251.236	ug/l	100
60) Dibromochloromethane	11.075	129	67641	52.733	ug/l	99
61) 1,2-Dibromoethane	11.181	107	51823	51.181	ug/l	96
64) Tetrachloroethene	10.810	164	69611	52.723	ug/l	94
65) Chlorobenzene	11.604	112	203193	54.897	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	71083	56.604	ug/l	98
67) Ethyl Benzene	11.681	91	362651	55.290	ug/l	99
68) m/p-Xylenes	11.792	106	288729	110.877	ug/l	98
69) o-Xylene	12.122	106	135486	56.594	ug/l	95
70) Styrene	12.134	104	234921	57.921	ug/l	98
71) Bromoform	12.298	173	39232	58.336	ug/l #	99
73) Isopropylbenzene	12.422	105	353227	53.803	ug/l	100
74) N-amyl acetate	12.234	43	56754	53.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	61045	55.336	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	38174m	54.801	ug/l	
77) Bromobenzene	12.698	156	82714	54.717	ug/l	98
78) n-propylbenzene	12.763	91	422276	53.692	ug/l	100
79) 2-Chlorotoluene	12.845	91	225436	53.232	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	290378	54.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	15578	53.084	ug/l	95
82) 4-Chlorotoluene	12.945	91	237358	53.886	ug/l	98
83) tert-Butylbenzene	13.163	119	254415	53.898	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	289008	54.683	ug/l	97
85) sec-Butylbenzene	13.345	105	378023	53.083	ug/l	99
86) p-Isopropyltoluene	13.457	119	323174	53.884	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	168448	53.742	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	163405	53.030	ug/l	99
89) n-Butylbenzene	13.786	91	289898	52.850	ug/l	99
90) Hexachloroethane	14.051	117	55421	53.897	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	142759	53.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8184	53.668	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	87432	53.040	ug/l	99
94) Hexachlorobutadiene	15.198	225	43829	50.826	ug/l	98
95) Naphthalene	15.328	128	167161	52.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	76361	52.645	ug/l	99

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

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