

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074754.D
 Acq On : 07 Nov 2022 11:52
 Operator : VA/SY
 Sample : VD1107SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 07 12:18:36 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	152476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	256442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61863	51.226	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.460%			
35) Dibromofluoromethane	7.805	113	76906	50.698	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.400%			
50) Toluene-d8	10.269	98	250707	45.308	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.620%			
62) 4-Bromofluorobenzene	12.575	95	76777	48.055	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24894	19.879	ug/l	95
3) Chloromethane	2.146	50	40372	20.202	ug/l	95
4) Vinyl Chloride	2.275	62	43186	19.706	ug/l	94
5) Bromomethane	2.675	94	33914	20.424	ug/l	100
6) Chloroethane	2.828	64	30680	20.198	ug/l	99
7) Trichlorofluoromethane	3.164	101	50845	19.970	ug/l	99
8) Diethyl Ether	3.593	74	15368	20.662	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	31519	19.489	ug/l	96
10) Methyl Iodide	4.158	142	28476	17.623	ug/l	99
11) Tert butyl alcohol	5.052	59	15031m	54.673	ug/l	
12) 1,1-Dichloroethene	3.928	96	32353	19.696	ug/l	89
13) Acrolein	3.799	56	8538	102.725	ug/l	90
14) Allyl chloride	4.558	41	34722	19.978	ug/l	100
15) Acrylonitrile	5.246	53	31286	106.448	ug/l	99
16) Acetone	4.028	43	24400	96.820	ug/l	99
17) Carbon Disulfide	4.264	76	91388	18.450	ug/l	99
18) Methyl Acetate	4.564	43	17193	22.561	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	65379	20.928	ug/l	99
20) Methylene Chloride	4.799	84	65985	25.212	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	35742	19.797	ug/l	94
22) Diisopropyl ether	6.222	45	78889	21.992	ug/l	98
23) Vinyl Acetate	6.152	43	179137m	117.455	ug/l	
24) 1,1-Dichloroethane	6.111	63	57510	20.961	ug/l	98
25) 2-Butanone	7.081	43	35238	101.695	ug/l	98
26) 2,2-Dichloropropane	7.075	77	50855	20.144	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	39716	19.943	ug/l	98
28) Bromochloromethane	7.422	49	18915	21.846	ug/l	97
29) Tetrahydrofuran	7.446	42	21163	106.495	ug/l	95
30) Chloroform	7.593	83	61471	20.972	ug/l	99
31) Cyclohexane	7.875	56	45291	18.524	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	53975	20.845	ug/l	98
36) 1,1-Dichloropropene	8.005	75	44262	19.223	ug/l	99
37) Ethyl Acetate	7.169	43	16802	21.875	ug/l	97
38) Carbon Tetrachloride	7.993	117	41260	18.914	ug/l	92
39) Methylcyclohexane	9.275	83	47248	16.866	ug/l	92
40) Benzene	8.252	78	135541	19.916	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8398	21.153	ug/l	95
42) 1,2-Dichloroethane	8.322	62	33326	21.300	ug/l	99
43) Isopropyl Acetate	8.357	43	29794	20.846	ug/l	94
44) Trichloroethene	9.028	130	39205	20.219	ug/l	98
45) 1,2-Dichloropropane	9.304	63	28203	18.737	ug/l	96
46) Dibromomethane	9.393	93	16286	18.671	ug/l	95
47) Bromodichloromethane	9.587	83	39997	19.046	ug/l	94
48) Methyl methacrylate	9.381	41	12649	19.860	ug/l	94
49) 1,4-Dioxane	9.387	88	3224	366.504	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	67817	97.848	ug/l	99
52) Toluene	10.334	92	78627	18.869	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	37127	19.989	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	43861	18.819	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	22858	19.289	ug/l	97
56) Ethyl methacrylate	10.599	69	25076	18.927	ug/l	93
57) 1,3-Dichloropropane	10.881	76	36983	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	37692	127.055	ug/l	98
59) 2-Hexanone	10.922	43	45627	95.701	ug/l	99
60) Dibromochloromethane	11.075	129	27684	19.569	ug/l	96
61) 1,2-Dibromoethane	11.181	107	20812	18.637	ug/l	94
64) Tetrachloroethene	10.810	164	27900	19.135	ug/l	93
65) Chlorobenzene	11.610	112	82603	20.209	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	29745	21.449	ug/l	99
67) Ethyl Benzene	11.681	91	144990	20.017	ug/l	97
68) m/p-Xylenes	11.793	106	117609	40.898	ug/l	99
69) o-Xylene	12.122	106	53995	20.424	ug/l	97
70) Styrene	12.134	104	93564	20.890	ug/l	99
71) Bromoform	12.298	173	15033	20.242	ug/l #	93
73) Isopropylbenzene	12.422	105	140128	19.713	ug/l	98
74) N-amyl acetate	12.234	43	24643	21.343	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	25091	21.006	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	16449m	21.809	ug/l	
77) Bromobenzene	12.698	156	33092	20.218	ug/l	97
78) n-propylbenzene	12.763	91	173811	20.411	ug/l	99
79) 2-Chlorotoluene	12.845	91	95046	20.728	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	118262	20.392	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	6810	21.432	ug/l	97
82) 4-Chlorotoluene	12.945	91	98267	20.604	ug/l	98
83) tert-Butylbenzene	13.163	119	102613	20.077	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	116889	20.426	ug/l	98
85) sec-Butylbenzene	13.345	105	154309	20.012	ug/l	99
86) p-Isopropyltoluene	13.457	119	131320	20.222	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	69086	20.357	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	66969	20.073	ug/l	97
89) n-Butylbenzene	13.787	91	119409	20.105	ug/l	99
90) Hexachloroethane	14.051	117	23030	20.685	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	60092	20.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3559	21.555	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	36499	20.450	ug/l	99
94) Hexachlorobutadiene	15.204	225	18479	19.791	ug/l	97
95) Naphthalene	15.328	128	67236	19.613	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30495	19.417	ug/l	95

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

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