

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074891.D
 Acq On : 11 Nov 2022 15:09
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Quant Time: Nov 14 00:55:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	166899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54353	48.879	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.760%		
35) Dibromofluoromethane	7.804	113	74297	48.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.320%		
50) Toluene-d8	10.269	98	244311	48.576	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.160%		
62) 4-Bromofluorobenzene	12.575	95	78776	51.008	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24831	20.800	ug/l	98
3) Chloromethane	2.146	50	37795	19.310	ug/l	94
4) Vinyl Chloride	2.281	62	46479	19.861	ug/l	100
5) Bromomethane	2.675	94	41685	23.190	ug/l	98
6) Chloroethane	2.828	64	33533	19.512	ug/l	99
7) Trichlorofluoromethane	3.169	101	53607	20.104	ug/l	92
8) Diethyl Ether	3.593	74	14426	18.870	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	33875	19.908	ug/l	96
10) Methyl Iodide	4.163	142	30955	18.607	ug/l	97
11) Tert butyl alcohol	5.046	59	11173	130.750	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	32637	19.691	ug/l	95
13) Acrolein	3.793	56	7095	139.917	ug/l	93
14) Allyl chloride	4.563	41	34539	19.482	ug/l	98
15) Acrylonitrile	5.252	53	30213	101.129	ug/l	99
16) Acetone	4.022	43	27176	98.635	ug/l	98
17) Carbon Disulfide	4.263	76	90661	19.228	ug/l #	94
18) Methyl Acetate	4.563	43	16135	21.238	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	64581	19.462	ug/l	99
20) Methylene Chloride	4.799	84	65855	20.272	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	36081	19.197	ug/l	94
22) Diisopropyl ether	6.222	45	80680	20.417	ug/l	97
23) Vinyl Acetate	6.157	43	162899	96.049	ug/l	99
24) 1,1-Dichloroethane	6.110	63	59075	20.019	ug/l	98
25) 2-Butanone	7.081	43	36181	100.421	ug/l	95
26) 2,2-Dichloropropane	7.075	77	54748	19.742	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	42279	20.276	ug/l	99
28) Bromochloromethane	7.428	49	19311	20.284	ug/l	92
29) Tetrahydrofuran	7.446	42	19886	99.714	ug/l	98
30) Chloroform	7.593	83	64473	19.950	ug/l	98
31) Cyclohexane	7.875	56	46146	18.965	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	56188	20.174	ug/l	98
36) 1,1-Dichloropropene	8.004	75	41913	18.678	ug/l	99
37) Ethyl Acetate	7.169	43	15889	21.102	ug/l	96
38) Carbon Tetrachloride	7.993	117	40102	18.986	ug/l	98
39) Methylcyclohexane	9.275	83	48026	19.978	ug/l	96
40) Benzene	8.251	78	127195	19.713	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7988	20.002	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	30074	19.476	ug/l	99
43) Isopropyl Acetate	8.363	43	25963	19.577	ug/l	99
44) Trichloroethene	9.028	130	35840	21.025	ug/l	95
45) 1,2-Dichloropropane	9.304	63	29170	20.120	ug/l	95
46) Dibromomethane	9.398	93	16531	20.360	ug/l	92
47) Bromodichloromethane	9.581	83	42112	20.899	ug/l #	94
48) Methyl methacrylate	9.381	41	11922	20.294	ug/l	94
49) 1,4-Dioxane	9.387	88	3318	416.459	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	65684	103.893	ug/l	95
52) Toluene	10.334	92	82355	21.347	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	37603	21.124	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	46279	21.200	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	24057	21.309	ug/l #	88
56) Ethyl methacrylate	10.598	69	24380	19.644	ug/l	96
57) 1,3-Dichloropropane	10.881	76	37480	20.650	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	37939	93.313	ug/l	99
59) 2-Hexanone	10.922	43	46297	105.044	ug/l	98
60) Dibromochloromethane	11.075	129	29143	21.760	ug/l	99
61) 1,2-Dibromoethane	11.181	107	21885	20.727	ug/l	99
64) Tetrachloroethene	10.810	164	29951	19.820	ug/l	94
65) Chlorobenzene	11.610	112	88062	19.973	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	31153	20.166	ug/l	98
67) Ethyl Benzene	11.687	91	152745	19.884	ug/l	100
68) m/p-Xylenes	11.792	106	123541	40.337	ug/l	100
69) o-Xylene	12.122	106	55806	19.805	ug/l	96
70) Styrene	12.134	104	97810	20.250	ug/l	99
71) Bromoform	12.298	173	16403	20.516	ug/l #	98
73) Isopropylbenzene	12.422	105	149486	19.906	ug/l	99
74) N-amyl acetate	12.234	43	24342	19.702	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	26325	19.818	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	17706m	19.403	ug/l	
77) Bromobenzene	12.704	156	35153	20.004	ug/l	95
78) n-propylbenzene	12.763	91	185515	20.098	ug/l	99
79) 2-Chlorotoluene	12.851	91	100852	20.277	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	126034	20.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6877	18.539	ug/l	95
82) 4-Chlorotoluene	12.945	91	103700	20.021	ug/l	99
83) tert-Butylbenzene	13.169	119	107105	19.727	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	125346	20.255	ug/l	100
85) sec-Butylbenzene	13.345	105	166110	20.114	ug/l	99
86) p-Isopropyltoluene	13.463	119	137529	20.027	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72714	19.891	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	71411	19.683	ug/l	98
89) n-Butylbenzene	13.786	91	124751	19.567	ug/l	98
90) Hexachloroethane	14.057	117	24832	20.190	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	61693	19.846	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3452	18.849	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	37161	19.639	ug/l	98
94) Hexachlorobutadiene	15.204	225	19653	20.135	ug/l	95
95) Naphthalene	15.333	128	67491	19.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	31222	19.080	ug/l	98

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

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