

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074775.D
 Acq On : 07 Nov 2022 23:05
 Operator : VA/SY
 Sample : VD1107SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBS02

Quant Time: Nov 08 01:38:17 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	201761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54603	60.531	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.060%			
35) Dibromofluoromethane	7.804	113	64455	54.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.020%			
50) Toluene-d8	10.269	98	203106	46.653	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.300%			
62) 4-Bromofluorobenzene	12.569	95	65005	51.714	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15965	17.067	ug/l	94
3) Chloromethane	2.146	50	29932	20.052	ug/l	93
4) Vinyl Chloride	2.281	62	30893	18.872	ug/l	98
5) Bromomethane	2.675	94	28852	23.262	ug/l	97
6) Chloroethane	2.828	64	23759	20.940	ug/l	95
7) Trichlorofluoromethane	3.169	101	35110	18.462	ug/l	99
8) Diethyl Ether	3.587	74	13546	24.382	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	22036	18.241	ug/l	99
10) Methyl Iodide	4.158	142	22957	18.580	ug/l	98
11) Tert butyl alcohol	5.058	59	10452	41.457	ug/l	100
12) 1,1-Dichloroethene	3.940	96	23118	18.841	ug/l	82
13) Acrolein	3.793	56	7155	115.247	ug/l	95
14) Allyl chloride	4.563	41	26536	20.440	ug/l	99
15) Acrylonitrile	5.258	53	27795	126.606	ug/l	99
16) Acetone	4.022	43	18170	96.523	ug/l	91
17) Carbon Disulfide	4.263	76	66246	17.904	ug/l	99
18) Methyl Acetate	4.563	43	15304	26.885	ug/l	99
19) Methyl tert-butyl Ether	5.310	73	57575	24.673	ug/l	100
20) Methylene Chloride	4.799	84	60060	33.853	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	27207	20.175	ug/l	98
22) Diisopropyl ether	6.210	45	64477	24.063	ug/l	96
23) Vinyl Acetate	6.152	43	124304	109.112	ug/l	99
24) 1,1-Dichloroethane	6.110	63	45551	22.226	ug/l	99
25) 2-Butanone	7.081	43	30178	116.595	ug/l	93
26) 2,2-Dichloropropane	7.081	77	36119	19.153	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	33055	22.221	ug/l	98
28) Bromochloromethane	7.422	49	16116	24.918	ug/l	94
29) Tetrahydrofuran	7.440	42	18786	126.557	ug/l	95
30) Chloroform	7.593	83	51645	23.588	ug/l	100
31) Cyclohexane	7.875	56	30172	16.520	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	40684	21.035	ug/l	97
36) 1,1-Dichloropropene	8.004	75	32915	18.169	ug/l	98
37) Ethyl Acetate	7.169	43	15234	25.208	ug/l	97
38) Carbon Tetrachloride	7.993	117	29465	17.168	ug/l #	83
39) Methylcyclohexane	9.269	83	33483	15.191	ug/l	94
40) Benzene	8.252	78	112130	20.941	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7292	22.918	ug/l #	92
42) 1,2-Dichloroethane	8.322	62	28880	23.461	ug/l	98
43) Isopropyl Acetate	8.357	43	26060	23.175	ug/l	98
44) Trichloroethene	9.028	130	30988	20.313	ug/l	96
45) 1,2-Dichloropropane	9.304	63	24465	20.659	ug/l	95
46) Dibromomethane	9.393	93	14907	21.722	ug/l	91
47) Bromodichloromethane	9.581	83	34531	20.900	ug/l	97
48) Methyl methacrylate	9.381	41	11154	22.259	ug/l	91
49) 1,4-Dioxane	9.381	88	3056	441.559	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	60775	111.453	ug/l	97
52) Toluene	10.334	92	63994	19.520	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	29906	20.465	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	36951	20.151	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	21122	22.655	ug/l	95
56) Ethyl methacrylate	10.598	69	21283	20.418	ug/l	91
57) 1,3-Dichloropropane	10.881	76	32784	21.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	23067	101.196	ug/l	98
59) 2-Hexanone	10.922	43	40532	108.055	ug/l	97
60) Dibromochloromethane	11.075	129	24521	22.031	ug/l	99
61) 1,2-Dibromoethane	11.181	107	18985	21.608	ug/l	98
64) Tetrachloroethene	10.804	164	22546	18.760	ug/l	96
65) Chlorobenzene	11.604	112	71497	21.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	24949	21.826	ug/l	96
67) Ethyl Benzene	11.681	91	114589	19.193	ug/l	96
68) m/p-Xylenes	11.792	106	93962	39.641	ug/l	100
69) o-Xylene	12.122	106	44780	20.550	ug/l	97
70) Styrene	12.134	104	79823	21.621	ug/l	99
71) Bromoform	12.298	173	14497	23.682	ug/l #	98
73) Isopropylbenzene	12.422	105	112645	18.427	ug/l	99
74) N-amyl acetate	12.228	43	22115	22.273	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	23487	22.865	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	14770m	22.771	ug/l	
77) Bromobenzene	12.698	156	29539	20.986	ug/l	95
78) n-propylbenzene	12.763	91	137581	18.787	ug/l	99
79) 2-Chlorotoluene	12.845	91	79273	20.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	96883	19.425	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	5959	21.808	ug/l	90
82) 4-Chlorotoluene	12.945	91	82625	20.145	ug/l	99
83) tert-Butylbenzene	13.163	119	81812	18.614	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	98832	20.083	ug/l	98
85) sec-Butylbenzene	13.345	105	117783	17.762	ug/l	98
86) p-Isopropyltoluene	13.457	119	101712	18.213	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	60212	20.631	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	59780	20.835	ug/l	97
89) n-Butylbenzene	13.787	91	91163	17.849	ug/l	99
90) Hexachloroethane	14.051	117	19067	19.914	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	52967	21.307	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3131	22.050	ug/l	93
93) 1,2,4-Trichlorobenzene	15.092	180	31317	20.403	ug/l	99
94) Hexachlorobutadiene	15.204	225	15073	18.772	ug/l	98
95) Naphthalene	15.328	128	60400	20.487	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	26946	19.951	ug/l	97

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

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