

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075392.D
 Acq On : 21 Feb 2023 20:28
 Operator : KP/SY
 Sample : VD0221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Quant Time: Feb 22 00:55:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	57179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	92524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	82837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25340	51.569	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.140%			
35) Dibromofluoromethane	7.810	113	26006	47.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.700%			
50) Toluene-d8	10.269	98	88669	44.732	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.460%			
62) 4-Bromofluorobenzene	12.575	95	30949	46.497	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	14143	22.125	ug/l	94
3) Chloromethane	2.146	50	19760	21.127	ug/l	98
4) Vinyl Chloride	2.281	62	21053	21.204	ug/l	98
5) Bromomethane	2.687	94	12297	21.811	ug/l	98
6) Chloroethane	2.834	64	13045	19.013	ug/l	100
7) Trichlorofluoromethane	3.175	101	24201	20.753	ug/l	91
8) Diethyl Ether	3.599	74	5546	20.425	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	13890	20.898	ug/l	96
10) Methyl Iodide	4.169	142	12903	21.396	ug/l	99
11) Tert butyl alcohol	5.052	59	4252	107.416	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	13014	21.002	ug/l	90
13) Acrolein	3.799	56	1933	141.227	ug/l	94
14) Allyl chloride	4.564	41	20031	20.443	ug/l	96
15) Acrylonitrile	5.258	53	12850	98.019	ug/l	96
16) Acetone	4.028	43	12735	86.056	ug/l	95
17) Carbon Disulfide	4.275	76	43774	20.058	ug/l	97
18) Methyl Acetate	4.564	43	9208	19.857	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	25431	20.271	ug/l	97
20) Methylene Chloride	4.805	84	17112	20.374	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	14861	21.455	ug/l	85
22) Diisopropyl ether	6.216	45	37429	19.997	ug/l	98
23) Vinyl Acetate	6.158	43	62614	115.399	ug/l	96
24) 1,1-Dichloroethane	6.111	63	25351	20.625	ug/l	96
25) 2-Butanone	7.081	43	17307	93.782	ug/l	99
26) 2,2-Dichloropropane	7.069	77	21589	20.195	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	14726	19.986	ug/l	96
28) Bromochloromethane	7.428	49	5955	21.563	ug/l	98
29) Tetrahydrofuran	7.452	42	10364	99.571	ug/l	98
30) Chloroform	7.599	83	25701	20.822	ug/l	98
31) Cyclohexane	7.875	56	22106	19.049	ug/l #	96
32) 1,1,1-Trichloroethane	7.799	97	23314	20.520	ug/l	99
36) 1,1-Dichloropropene	8.010	75	19593	19.902	ug/l	97
37) Ethyl Acetate	7.169	43	7496	19.456	ug/l #	99
38) Carbon Tetrachloride	7.999	117	19891	20.165	ug/l	91
39) Methylcyclohexane	9.275	83	22889	19.726	ug/l	90
40) Benzene	8.252	78	55921	20.750	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	3740	16.926	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	15402	20.468	ug/l	100
43) Isopropyl Acetate	8.363	43	14138	19.530	ug/l	97
44) Trichloroethene	9.028	130	14802	20.502	ug/l	97
45) 1,2-Dichloropropane	9.310	63	13179	20.053	ug/l	97
46) Dibromomethane	9.399	93	7262	20.293	ug/l	100
47) Bromodichloromethane	9.581	83	19103	20.977	ug/l #	87
48) Methyl methacrylate	9.381	41	7316	20.104	ug/l	96
49) 1,4-Dioxane	9.387	88	1304	420.030	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	36460	99.448	ug/l	100
52) Toluene	10.334	92	34014	20.500	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	15788	21.177	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	18603	20.582	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	9325	20.114	ug/l #	85
56) Ethyl methacrylate	10.599	69	10408	20.174	ug/l	99
57) 1,3-Dichloropropane	10.881	76	16242	20.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	14396	127.571	ug/l	99
59) 2-Hexanone	10.922	43	25042	96.796	ug/l	100
60) Dibromochloromethane	11.075	129	11891	20.061	ug/l	98
61) 1,2-Dibromoethane	11.181	107	9188	20.901	ug/l	99
64) Tetrachloroethene	10.810	164	12063	20.344	ug/l	98
65) Chlorobenzene	11.610	112	35725	20.619	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	13159	20.915	ug/l	99
67) Ethyl Benzene	11.687	91	63799	20.304	ug/l	99
68) m/p-Xylenes	11.793	106	50222	40.776	ug/l	99
69) o-Xylene	12.128	106	22735	20.155	ug/l	100
70) Styrene	12.140	104	39441	20.950	ug/l	100
71) Bromoform	12.298	173	6629	20.559	ug/l #	97
73) Isopropylbenzene	12.422	105	61979	20.295	ug/l	98
74) N-amyl acetate	12.234	43	12885	19.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	10545	20.604	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	7048m	21.944	ug/l	
77) Bromobenzene	12.704	156	13918	20.164	ug/l	98
78) n-propylbenzene	12.769	91	77364	20.246	ug/l	100
79) 2-Chlorotoluene	12.851	91	42098	20.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	51812	20.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2494	23.425	ug/l	86
82) 4-Chlorotoluene	12.951	91	43156	19.824	ug/l	96
83) tert-Butylbenzene	13.169	119	42911	19.586	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	52328	20.962	ug/l	98
85) sec-Butylbenzene	13.345	105	65851	19.510	ug/l	98
86) p-Isopropyltoluene	13.463	119	56648	20.659	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29284	20.598	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	28282	20.277	ug/l	99
89) n-Butylbenzene	13.792	91	52915	19.617	ug/l	99
90) Hexachloroethane	14.057	117	11188	20.339	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	24054	20.179	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1651	22.224	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	14302	19.732	ug/l	98
94) Hexachlorobutadiene	15.204	225	8106	19.321	ug/l	97
95) Naphthalene	15.334	128	25439	19.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	12145	19.817	ug/l	99

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

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