

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075222.D
 Acq On : 27 Jan 2023 13:37
 Operator : KP/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/30/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 30 01:01:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	59065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	102644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	92138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	44950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32635	54.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.300%			
35) Dibromofluoromethane	7.805	113	32768	52.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.269	98	129908	53.194	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.575	95	41148	53.090	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	11996	24.341	ug/l	99
3) Chloromethane	2.146	50	18790	24.627	ug/l	96
4) Vinyl Chloride	2.281	62	18307	22.361	ug/l	95
5) Bromomethane	2.681	94	11921	21.410	ug/l	99
6) Chloroethane	2.834	64	12128	21.365	ug/l	95
7) Trichlorofluoromethane	3.175	101	23492	22.575	ug/l	92
8) Diethyl Ether	3.593	74	6558	19.559	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	14448	22.490	ug/l	97
10) Methyl Iodide	4.164	142	15214	17.593	ug/l	99
11) Tert butyl alcohol	5.034	59	4039m	96.059	ug/l	
12) 1,1-Dichloroethene	3.946	96	14081	20.820	ug/l	86
13) Acrolein	3.799	56	4381	110.385	ug/l	97
14) Allyl chloride	4.564	41	22461	20.464	ug/l	96
15) Acrylonitrile	5.258	53	15138	106.772	ug/l	99
16) Acetone	4.022	43	16227	102.080	ug/l	92
17) Carbon Disulfide	4.275	76	47305	21.565	ug/l	100
18) Methyl Acetate	4.569	43	10080	23.329	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	29261	20.712	ug/l	98
20) Methylene Chloride	4.805	84	19622	18.786	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	16044	21.310	ug/l	97
22) Diisopropyl ether	6.216	45	42547	20.827	ug/l	95
23) Vinyl Acetate	6.158	43	86104m	95.632	ug/l	
24) 1,1-Dichloroethane	6.111	63	28356	22.087	ug/l	99
25) 2-Butanone	7.087	43	20470	106.545	ug/l	95
26) 2,2-Dichloropropane	7.081	77	23286	20.347	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	16787	20.455	ug/l	97
28) Bromochloromethane	7.428	49	7932	22.630	ug/l #	99
29) Tetrahydrofuran	7.452	42	11444	104.435	ug/l	99
30) Chloroform	7.599	83	28202	22.029	ug/l	96
31) Cyclohexane	7.881	56	25052	20.725	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	23614	21.410	ug/l	98
36) 1,1-Dichloropropene	8.010	75	21904	21.980	ug/l	99
37) Ethyl Acetate	7.169	43	8385	20.885	ug/l #	95
38) Carbon Tetrachloride	7.999	117	18695	22.281	ug/l	96
39) Methylcyclohexane	9.275	83	25445	20.719	ug/l	96
40) Benzene	8.252	78	63219	22.245	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4644	19.223	ug/l	91
42) 1,2-Dichloroethane	8.322	62	17245	23.101	ug/l	97
43) Isopropyl Acetate	8.363	43	16394	20.983	ug/l	97
44) Trichloroethene	9.028	130	17278	21.620	ug/l	97
45) 1,2-Dichloropropane	9.310	63	15680	22.398	ug/l	100
46) Dibromomethane	9.393	93	8270	22.400	ug/l	94
47) Bromodichloromethane	9.587	83	20035	21.873	ug/l	97
48) Methyl methacrylate	9.381	41	8141	21.309	ug/l	92
49) 1,4-Dioxane	9.393	88	1442	409.121	ug/l	99
51) 4-Methyl-2-Pentanone	10.163	43	40643	108.328	ug/l	100
52) Toluene	10.334	92	39095	21.768	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	17572	20.278	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	22526	21.277	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	11047	22.610	ug/l	93
56) Ethyl methacrylate	10.599	69	12300	20.933	ug/l	99
57) 1,3-Dichloropropane	10.881	76	18931	22.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	21155	105.217	ug/l	98
59) 2-Hexanone	10.922	43	29281	107.936	ug/l	96
60) Dibromochloromethane	11.075	129	13140	22.312	ug/l	96
61) 1,2-Dibromoethane	11.181	107	10427	22.336	ug/l	97
64) Tetrachloroethene	10.810	164	14221	21.614	ug/l	94
65) Chlorobenzene	11.610	112	40106	21.242	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	14091	22.189	ug/l	97
67) Ethyl Benzene	11.687	91	72812	21.425	ug/l	98
68) m/p-Xylenes	11.793	106	57422	43.739	ug/l	100
69) o-Xylene	12.122	106	26498	21.517	ug/l	99
70) Styrene	12.140	104	44289	21.634	ug/l	98
71) Bromoform	12.304	173	6913	21.082	ug/l #	98
73) Isopropylbenzene	12.422	105	69481	19.569	ug/l	100
74) N-amyl acetate	12.240	43	13826	17.776	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	12179	21.529	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	7615m	20.003	ug/l	
77) Bromobenzene	12.704	156	16212	19.990	ug/l	99
78) n-propylbenzene	12.763	91	90867	20.827	ug/l	96
79) 2-Chlorotoluene	12.851	91	47639	19.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	59404	20.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2961	18.041	ug/l	94
82) 4-Chlorotoluene	12.951	91	51097	20.711	ug/l	98
83) tert-Butylbenzene	13.169	119	51550	20.481	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	57611	20.166	ug/l	99
85) sec-Butylbenzene	13.345	105	77283	20.212	ug/l	99
86) p-Isopropyltoluene	13.463	119	64322	20.548	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	32217	20.494	ug/l	97
88) 1,4-Dichlorobenzene	13.545	146	32157	20.791	ug/l	100
89) n-Butylbenzene	13.792	91	60495	19.832	ug/l	98
90) Hexachloroethane	14.057	117	11340	20.514	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	27310	20.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1711	19.781	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	16187	18.328	ug/l	98
94) Hexachlorobutadiene	15.210	225	8337	19.261	ug/l	96
95) Naphthalene	15.334	128	30727	17.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	13728	18.217	ug/l	94

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

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