

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079361.D
 Acq On : 09 Jul 2024 14:48
 Operator : RP/MD
 Sample : VD0709SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0709SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

Quant Time: Jul 09 16:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104184	49.766	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.540%		
35) Dibromofluoromethane	7.805	113	116425	50.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.000%		
50) Toluene-d8	10.263	98	454819	51.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.340%		
62) 4-Bromofluorobenzene	12.569	95	136605	49.451	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	35158	21.346	ug/l	98
3) Chloromethane	2.146	50	43449	19.702	ug/l	99
4) Vinyl Chloride	2.275	62	36660	16.174	ug/l	97
5) Bromomethane	2.670	94	33303	21.644	ug/l	97
6) Chloroethane	2.817	64	25943	21.362	ug/l	96
7) Trichlorofluoromethane	3.158	101	68381	20.647	ug/l	97
8) Diethyl Ether	3.587	74	19709	18.628	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	44234	21.293	ug/l	98
10) Methyl Iodide	4.152	142	42308	18.464	ug/l	94
11) Tert butyl alcohol	5.069	59	13568	101.530	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	40626	19.692	ug/l	96
13) Acrolein	3.799	56	16013	96.654	ug/l	96
14) Allyl chloride	4.558	41	49545	18.846	ug/l	89
15) Acrylonitrile	5.258	53	48743	100.019	ug/l	97
16) Acetone	4.022	43	35389	88.882	ug/l	93
17) Carbon Disulfide	4.258	76	127864	19.618	ug/l	99
18) Methyl Acetate	4.564	43	24640	19.778	ug/l #	60
19) Methyl tert-butyl Ether	5.316	73	88630	19.331	ug/l	98
20) Methylene Chloride	4.793	84	88529	23.591	ug/l	95
21) trans-1,2-Dichloroethene	5.299	96	45397	19.809	ug/l	98
22) Diisopropyl ether	6.211	45	117954	20.036	ug/l	96
23) Vinyl Acetate	6.152	43	438022	97.224	ug/l	95
24) 1,1-Dichloroethane	6.105	63	80940	20.391	ug/l	96
25) 2-Butanone	7.081	43	53160	93.996	ug/l	98
26) 2,2-Dichloropropane	7.069	77	65074	19.574	ug/l	99
27) cis-1,2-Dichloroethene	7.069	96	53408	19.962	ug/l	89
28) Bromochloromethane	7.416	49	32306	19.309	ug/l	81
29) Tetrahydrofuran	7.446	42	33342	96.724	ug/l	88
30) Chloroform	7.587	83	85725	20.572	ug/l	99
31) Cyclohexane	7.875	56	60738	19.185	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	71986	20.665	ug/l	99
36) 1,1-Dichloropropene	8.005	75	57116	19.500	ug/l	94
37) Ethyl Acetate	7.169	43	26337	20.764	ug/l	98
38) Carbon Tetrachloride	7.987	117	63217	20.504	ug/l	97
39) Methylcyclohexane	9.275	83	65523	19.185	ug/l	90
40) Benzene	8.246	78	185764	19.810	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12910	19.499	ug/l	87
42) 1,2-Dichloroethane	8.322	62	45306	19.985	ug/l	97
43) Isopropyl Acetate	8.363	43	44867	19.356	ug/l	95
44) Trichloroethene	9.028	130	43512	19.465	ug/l	100
45) 1,2-Dichloropropane	9.304	63	45331	19.803	ug/l	95
46) Dibromomethane	9.393	93	26700	19.893	ug/l	91
47) Bromodichloromethane	9.581	83	63880	19.466	ug/l	98
48) Methyl methacrylate	9.381	41	20010	19.153	ug/l	90
49) 1,4-Dioxane	9.381	88	5730	376.986	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	119102	95.962	ug/l	97
52) Toluene	10.328	92	119869	20.765	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	58040	19.523	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	68792	19.372	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	36824	20.438	ug/l	94
56) Ethyl methacrylate	10.599	69	40253	18.657	ug/l	96
57) 1,3-Dichloropropane	10.875	76	60038	20.309	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	91684	91.996	ug/l	92
59) 2-Hexanone	10.922	43	83678	94.362	ug/l	98
60) Dibromochloromethane	11.069	129	46327	20.031	ug/l	95
61) 1,2-Dibromoethane	11.175	107	33802	19.897	ug/l	98
64) Tetrachloroethene	10.804	164	37753	20.618	ug/l	94
65) Chlorobenzene	11.604	112	126196	19.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	43526	19.677	ug/l	98
67) Ethyl Benzene	11.681	91	209981	19.184	ug/l	99
68) m/p-Xylenes	11.793	106	166858	39.479	ug/l	89
69) o-Xylene	12.116	106	73634	18.619	ug/l	84
70) Styrene	12.134	104	136078	19.282	ug/l	96
71) Bromoform	12.298	173	26383	20.586	ug/l #	98
73) Isopropylbenzene	12.416	105	195652	19.131	ug/l	98
74) N-amyl acetate	12.228	43	43331	18.853	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	43479	20.123	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	25985m	17.651	ug/l	
77) Bromobenzene	12.693	156	46982	19.415	ug/l	82
78) n-propylbenzene	12.757	91	248246	19.475	ug/l	95
79) 2-Chlorotoluene	12.845	91	143748	19.663	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	167519	19.325	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	13798	17.672	ug/l	94
82) 4-Chlorotoluene	12.945	91	152371	19.585	ug/l	95
83) tert-Butylbenzene	13.163	119	138880	19.186	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	171298	19.481	ug/l	94
85) sec-Butylbenzene	13.340	105	219130	19.751	ug/l	96
86) p-Isopropyltoluene	13.457	119	177085	19.273	ug/l	95
87) 1,3-Dichlorobenzene	13.451	146	100961	19.784	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	103236	20.099	ug/l	96
89) n-Butylbenzene	13.787	91	168146	18.825	ug/l	97
90) Hexachloroethane	14.051	117	39943	19.678	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	90713	20.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5845	19.260	ug/l	83
93) 1,2,4-Trichlorobenzene	15.092	180	46972	18.465	ug/l	95
94) Hexachlorobutadiene	15.198	225	26684	19.779	ug/l	95
95) Naphthalene	15.328	128	94493	18.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	41652	18.330	ug/l	97

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

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