

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079541.D
 Acq On : 02 Aug 2024 14:42
 Operator : RP/MD
 Sample : VD0802SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS01

Quant Time: Aug 03 00:31:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	199878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	355223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	164717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124576	61.350	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.700%			
35) Dibromofluoromethane	7.805	113	129944	54.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.100%			
50) Toluene-d8	10.269	98	526725	56.414	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.820%			
62) 4-Bromofluorobenzene	12.569	95	153444	56.791	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34601	22.094	ug/l	96
3) Chloromethane	2.146	50	66760	23.135	ug/l	96
4) Vinyl Chloride	2.276	62	81042	23.620	ug/l	99
5) Bromomethane	2.664	94	49022	21.115	ug/l	97
6) Chloroethane	2.823	64	44547	20.205	ug/l #	87
7) Trichlorofluoromethane	3.158	101	49983	14.649	ug/l	98
8) Diethyl Ether	3.587	74	16625	16.130	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.958	101	30848	14.294	ug/l	92
10) Methyl Iodide	4.152	142	51236	21.078	ug/l	97
11) Tert butyl alcohol	5.064	59	14539	159.866	ug/l	98
12) 1,1-Dichloroethene	3.928	96	32973	15.268	ug/l	90
13) Acrolein	3.793	56	15800	102.968	ug/l	91
14) Allyl chloride	4.552	41	66628	23.363	ug/l	87
15) Acrylonitrile	5.246	53	59872	124.310	ug/l	98
16) Acetone	4.017	43	34188	86.634	ug/l	93
17) Carbon Disulfide	4.258	76	150384	21.095	ug/l	97
18) Methyl Acetate	4.564	43	32233	26.308	ug/l #	87
19) Methyl tert-butyl Ether	5.311	73	104024	23.597	ug/l	96
20) Methylene Chloride	4.793	84	76207	16.449	ug/l #	88
21) trans-1,2-Dichloroethene	5.299	96	53616	22.100	ug/l #	85
22) Diisopropyl ether	6.211	45	152479	24.031	ug/l	93
23) Vinyl Acetate	6.152	43	575252	120.602	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	98874	23.253	ug/l	96
25) 2-Butanone	7.081	43	66733	119.279	ug/l	98
26) 2,2-Dichloropropane	7.069	77	76339	22.195	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	62253	22.449	ug/l	85
28) Bromochloromethane	7.422	49	42098	22.577	ug/l #	73
29) Tetrahydrofuran	7.440	42	43099	124.305	ug/l	85
30) Chloroform	7.593	83	100714	23.389	ug/l	98
31) Cyclohexane	7.875	56	73105	21.678	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	81406	22.910	ug/l	97
36) 1,1-Dichloropropene	8.005	75	69201	21.087	ug/l	97
37) Ethyl Acetate	7.175	43	33123	24.618	ug/l #	96
38) Carbon Tetrachloride	7.987	117	74243	21.521	ug/l	97
39) Methylcyclohexane	9.275	83	74559	19.042	ug/l	92
40) Benzene	8.246	78	221731	21.273	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	19506	26.356	ug/l #	74
42) 1,2-Dichloroethane	8.322	62	55869	22.494	ug/l	96
43) Isopropyl Acetate	8.363	43	57985	22.931	ug/l	93
44) Trichloroethene	9.022	130	54847	21.139	ug/l	99
45) 1,2-Dichloropropane	9.305	63	56737	22.368	ug/l	96
46) Dibromomethane	9.387	93	30418	21.632	ug/l	94
47) Bromodichloromethane	9.581	83	75298	21.808	ug/l	93
48) Methyl methacrylate	9.381	41	24877	21.982	ug/l	87
49) 1,4-Dioxane	9.387	88	6746	462.982	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	153114	118.598	ug/l	93
52) Toluene	10.328	92	137839	21.383	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	68218	21.395	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	82428	21.491	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	41930	22.636	ug/l #	93
56) Ethyl methacrylate	10.593	69	48529	22.111	ug/l	89
57) 1,3-Dichloropropane	10.875	76	69287	22.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	111656	110.311	ug/l	92
59) 2-Hexanone	10.916	43	107321	119.193	ug/l	94
60) Dibromochloromethane	11.069	129	52420	21.663	ug/l	100
61) 1,2-Dibromoethane	11.181	107	38496	22.183	ug/l	98
64) Tetrachloroethene	10.810	164	45100	20.781	ug/l	93
65) Chlorobenzene	11.604	112	155439	21.809	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	51791	22.086	ug/l	98
67) Ethyl Benzene	11.681	91	251490	21.554	ug/l	96
68) m/p-Xylenes	11.787	106	199219	43.037	ug/l	92
69) o-Xylene	12.116	106	93522	22.042	ug/l	97
70) Styrene	12.134	104	165315	22.224	ug/l	98
71) Bromoform	12.293	173	29584	22.317	ug/l #	93
73) Isopropylbenzene	12.416	105	237934	21.515	ug/l	99
74) N-amyl acetate	12.234	43	56866	23.472	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	49163	22.975	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	29193m	20.276	ug/l	
77) Bromobenzene	12.698	156	58501	21.181	ug/l	87
78) n-propylbenzene	12.757	91	294576	21.395	ug/l	98
79) 2-Chlorotoluene	12.846	91	163989	21.390	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	199160	21.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17321	22.945	ug/l	95
82) 4-Chlorotoluene	12.946	91	173776	21.743	ug/l	98
83) tert-Butylbenzene	13.163	119	169550	21.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	202221	21.674	ug/l	99
85) sec-Butylbenzene	13.340	105	258428	21.175	ug/l	99
86) p-Isopropyltoluene	13.457	119	218335	21.322	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	118210	20.662	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	119250	21.201	ug/l	97
89) n-Butylbenzene	13.787	91	201882	21.281	ug/l	99
90) Hexachloroethane	14.051	117	45868	21.488	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	106446	21.770	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6571	23.079	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	59860	19.431	ug/l	96
94) Hexachlorobutadiene	15.198	225	33239	19.991	ug/l	96
95) Naphthalene	15.328	128	114961	21.560	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	54572	20.138	ug/l	100

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

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