

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079450.D
 Acq On : 30 Jul 2024 11:05
 Operator : RP/MD
 Sample : VD0730SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 30 15:41:11 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	248694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	408800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	195397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115688	45.790	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.580%		
35) Dibromofluoromethane	7.804	113	125198	45.248	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.500%		
50) Toluene-d8	10.269	98	495473	46.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.220%		
62) 4-Bromofluorobenzene	12.569	95	142744	45.907	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	43168	22.154	ug/l	100
3) Chloromethane	2.146	50	74144	20.651	ug/l	95
4) Vinyl Chloride	2.281	62	92130	21.581	ug/l	100
5) Bromomethane	2.675	94	69577	24.477	ug/l	99
6) Chloroethane	2.828	64	65870	24.012	ug/l	96
7) Trichlorofluoromethane	3.169	101	93671	22.064	ug/l	97
8) Diethyl Ether	3.587	74	26802	20.899	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	58355	21.733	ug/l	98
10) Methyl Iodide	4.163	142	58867	19.567	ug/l	98
11) Tert butyl alcohol	5.046	59	15676	136.589	ug/l	99
12) 1,1-Dichloroethene	3.934	96	57548	21.416	ug/l	92
13) Acrolein	3.793	56	22672	122.661	ug/l	95
14) Allyl chloride	4.558	41	71167	20.057	ug/l #	87
15) Acrylonitrile	5.252	53	64962	108.403	ug/l	97
16) Acetone	4.016	43	52871	107.679	ug/l	88
17) Carbon Disulfide	4.263	76	188844	21.291	ug/l	99
18) Methyl Acetate	4.563	43	34984	22.948	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	114163	20.814	ug/l	99
20) Methylene Chloride	4.799	84	100087	18.687	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	64209	21.271	ug/l	98
22) Diisopropyl ether	6.210	45	167202	21.178	ug/l	91
23) Vinyl Acetate	6.152	43	621616	104.742	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	111136	21.006	ug/l	97
25) 2-Butanone	7.087	43	73801	106.020	ug/l	97
26) 2,2-Dichloropropane	7.075	77	90148	21.065	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	71049	20.592	ug/l	91
28) Bromochloromethane	7.422	49	44479	19.172	ug/l #	75
29) Tetrahydrofuran	7.446	42	47151	109.298	ug/l #	84
30) Chloroform	7.593	83	115235	21.508	ug/l	96
31) Cyclohexane	7.875	56	88262	21.035	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	94226	21.313	ug/l	97
36) 1,1-Dichloropropene	8.004	75	82560	21.861	ug/l	95
37) Ethyl Acetate	7.169	43	35485	22.917	ug/l	94
38) Carbon Tetrachloride	7.987	117	87811	22.118	ug/l	98
39) Methylcyclohexane	9.275	83	96021	21.309	ug/l	93
40) Benzene	8.251	78	252854	21.080	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	18359	21.555	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	62216	21.766	ug/l	98
43) Isopropyl Acetate	8.357	43	62333	21.419	ug/l	94
44) Trichloroethene	9.028	130	63966	21.422	ug/l	97
45) 1,2-Dichloropropane	9.304	63	61738	21.150	ug/l	99
46) Dibromomethane	9.393	93	35315	21.823	ug/l	97
47) Bromodichloromethane	9.587	83	85792	21.591	ug/l	98
48) Methyl methacrylate	9.375	41	29122	22.361	ug/l	85
49) 1,4-Dioxane	9.387	88	7196	429.141	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	168898	113.678	ug/l	93
52) Toluene	10.334	92	162183	21.862	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	77053	20.998	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	92687	20.999	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	47286	22.182	ug/l	93
56) Ethyl methacrylate	10.593	69	54171	21.446	ug/l	92
57) 1,3-Dichloropropane	10.875	76	75653	20.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	116219	99.771	ug/l	92
59) 2-Hexanone	10.916	43	120703	116.486	ug/l	95
60) Dibromochloromethane	11.075	129	60510	21.729	ug/l	98
61) 1,2-Dibromoethane	11.175	107	44552	22.308	ug/l	98
64) Tetrachloroethene	10.804	164	55434	21.682	ug/l	93
65) Chlorobenzene	11.604	112	178280	21.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	59648	21.592	ug/l	98
67) Ethyl Benzene	11.681	91	284984	20.734	ug/l	99
68) m/p-Xylenes	11.792	106	237284	43.513	ug/l	96
69) o-Xylene	12.122	106	101164	20.239	ug/l	88
70) Styrene	12.134	104	186937	21.332	ug/l	98
71) Bromoform	12.298	173	35599	22.795	ug/l #	99
73) Isopropylbenzene	12.422	105	266622	20.525	ug/l	99
74) N-amyl acetate	12.228	43	60003	20.878	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	54931	21.640	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	33773m	19.774	ug/l	
77) Bromobenzene	12.698	156	69570	21.234	ug/l	94
78) n-propylbenzene	12.763	91	338160	20.704	ug/l	98
79) 2-Chlorotoluene	12.845	91	187206	20.584	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	227952	20.943	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	18460	20.614	ug/l	96
82) 4-Chlorotoluene	12.945	91	194254	20.489	ug/l	100
83) tert-Butylbenzene	13.163	119	192319	20.545	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	228754	20.828	ug/l	100
85) sec-Butylbenzene	13.339	105	297663	20.561	ug/l	100
86) p-Isopropyltoluene	13.457	119	251910	20.845	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	137402	20.246	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	139055	20.840	ug/l	97
89) n-Butylbenzene	13.786	91	229138	20.525	ug/l	98
90) Hexachloroethane	14.051	117	52819	20.859	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	120256	20.733	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7526	22.282	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	72627	19.873	ug/l	100
94) Hexachlorobutadiene	15.204	225	39825	20.191	ug/l	97
95) Naphthalene	15.328	128	128965	20.389	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	63213	19.664	ug/l	99

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

