

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079617.D
 Acq On : 06 Aug 2024 12:35
 Operator : RP/MD
 Sample : VD0806SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Quant Time: Aug 07 02:47:47 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 :Romaben Patel 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	224207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	398171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	369998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	188640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115334	50.635	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.280%		
35) Dibromofluoromethane	7.804	113	120572	44.739	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.480%		
50) Toluene-d8	10.269	98	468480	44.763	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.520%		
62) 4-Bromofluorobenzene	12.569	95	140762	46.478	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29544	16.818	ug/l	98
3) Chloromethane	2.146	50	56702	17.518	ug/l	96
4) Vinyl Chloride	2.281	62	66250	17.214	ug/l	98
5) Bromomethane	2.675	94	53525	20.479	ug/l	97
6) Chloroethane	2.822	64	50461	20.404	ug/l	95
7) Trichlorofluoromethane	3.163	101	71631	18.715	ug/l	96
8) Diethyl Ether	3.593	74	22761	19.687	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	44730	18.478	ug/l	97
10) Methyl Iodide	4.157	142	41992	15.720	ug/l	98
11) Tert butyl alcohol	5.051	59	14758	143.373	ug/l #	81
12) 1,1-Dichloroethene	3.934	96	42172	17.408	ug/l	92
13) Acrolein	3.793	56	16637	94.884	ug/l	97
14) Allyl chloride	4.557	41	59886	18.721	ug/l #	85
15) Acrylonitrile	5.246	53	61342	113.542	ug/l	96
16) Acetone	4.022	43	42590	96.214	ug/l	100
17) Carbon Disulfide	4.263	76	117489	14.693	ug/l	98
18) Methyl Acetate	4.557	43	32895	23.935	ug/l #	84
19) Methyl tert-butyl Ether	5.322	73	102351	20.698	ug/l #	88
20) Methylene Chloride	4.793	84	65335	6.602	ug/l #	88
21) trans-1,2-Dichloroethene	5.304	96	46587	17.119	ug/l #	82
22) Diisopropyl ether	6.210	45	149138	20.954	ug/l #	88
23) Vinyl Acetate	6.151	43	550372	102.866	ug/l #	91
24) 1,1-Dichloroethane	6.104	63	94567	19.826	ug/l	95
25) 2-Butanone	7.081	43	68043	108.424	ug/l	89
26) 2,2-Dichloropropane	7.075	77	70289	18.219	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	58972	18.958	ug/l	89
28) Bromochloromethane	7.422	49	39502	18.886	ug/l #	68
29) Tetrahydrofuran	7.445	42	43835	112.709	ug/l #	81
30) Chloroform	7.593	83	98019	20.293	ug/l	90
31) Cyclohexane	7.875	56	66420	17.558	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	75714	18.996	ug/l	97
36) 1,1-Dichloropropene	8.004	75	60684	16.497	ug/l	98
37) Ethyl Acetate	7.169	43	31999	21.217	ug/l #	92
38) Carbon Tetrachloride	7.987	117	68937	17.828	ug/l	99
39) Methylcyclohexane	9.275	83	65263	14.870	ug/l #	91
40) Benzene	8.245	78	207327	17.746	ug/l	99

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41) Methacrylonitrile	7.398	41	16887	20.356	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	53104	19.074	ug/l	95
43) Isopropyl Acetate	8.363	43	57106	20.147	ug/l	93
44) Trichloroethene	9.028	130	50243	17.275	ug/l	96
45) 1,2-Dichloropropane	9.304	63	54248	19.080	ug/l	98
46) Dibromomethane	9.392	93	30052	19.066	ug/l	94
47) Bromodichloromethane	9.587	83	72241	18.666	ug/l	97
48) Methyl methacrylate	9.381	41	25097	19.785	ug/l	88
49) 1,4-Dioxane	9.387	88	6721	411.513	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	158886	109.794	ug/l	92
52) Toluene	10.334	92	124848	17.278	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	66591	18.632	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	79808	18.564	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	41302	19.892	ug/l	91
56) Ethyl methacrylate	10.598	69	47463	19.292	ug/l	89
57) 1,3-Dichloropropane	10.881	76	68752	19.486	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	109308	96.343	ug/l	90
59) 2-Hexanone	10.922	43	107558	106.571	ug/l	93
60) Dibromochloromethane	11.075	129	50555	18.639	ug/l	97
61) 1,2-Dibromoethane	11.181	107	38406	19.744	ug/l	99
64) Tetrachloroethene	10.804	164	41836	16.769	ug/l	95
65) Chlorobenzene	11.604	112	144919	17.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	49644	18.416	ug/l	97
67) Ethyl Benzene	11.681	91	231018	17.224	ug/l	98
68) m/p-Xylenes	11.786	106	181734	34.152	ug/l	92
69) o-Xylene	12.116	106	84278	17.279	ug/l	92
70) Styrene	12.133	104	155081	18.136	ug/l	98
71) Bromoform	12.298	173	28715	18.843	ug/l #	96
73) Isopropylbenzene	12.416	105	216715	17.854	ug/l	98
74) N-amyl acetate	12.228	43	55515	20.009	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	50208	20.488	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	37982m	23.035	ug/l	
77) Bromobenzene	12.698	156	54542	17.243	ug/l	84
78) n-propylbenzene	12.763	91	275407	17.466	ug/l	96
79) 2-Chlorotoluene	12.845	91	154047	17.545	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	183234	17.437	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	16572	19.169	ug/l	95
82) 4-Chlorotoluene	12.945	91	164266	17.946	ug/l	98
83) tert-Butylbenzene	13.163	119	154032	17.663	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	185552	18.047	ug/l	98
85) sec-Butylbenzene	13.339	105	237888	17.020	ug/l	100
86) p-Isopropyltoluene	13.457	119	198756	17.746	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	112088	17.107	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	112244	17.425	ug/l	97
89) n-Butylbenzene	13.786	91	184205	17.724	ug/l	99
90) Hexachloroethane	14.051	117	41972	17.169	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	100915	18.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7142	21.903	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	57464	16.287	ug/l	99
94) Hexachlorobutadiene	15.198	225	30644	16.093	ug/l	93
95) Naphthalene	15.327	128	109989	18.012	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	50355	16.225	ug/l	99

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

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