

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078199.D
 Acq On : 22 Jan 2024 19:05
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012224

Quant Time: Jan 23 05:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	141468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	260303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	235945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	110961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77581	48.038	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.080%		
35) Dibromofluoromethane	7.810	113	79625	46.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.960%		
50) Toluene-d8	10.275	98	324674	47.863	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.575	95	94529	48.052	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	66843	48.125	ug/l	98
3) Chloromethane	2.152	50	118258	51.705	ug/l	100
4) Vinyl Chloride	2.287	62	154950	46.190	ug/l	94
5) Bromomethane	2.699	94	110433	45.109	ug/l	98
6) Chloroethane	2.846	64	109993	46.940	ug/l	99
7) Trichlorofluoromethane	3.187	101	139363	45.672	ug/l	98
8) Diethyl Ether	3.599	74	42829	50.633	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.975	101	83190	47.072	ug/l	95
10) Methyl Iodide	4.169	142	92682	52.316	ug/l	# 87
11) Tert butyl alcohol	5.052	59	20586	258.920	ug/l	98
12) 1,1-Dichloroethene	3.952	96	82479	47.112	ug/l	85
13) Acrolein	3.805	56	47688	261.277	ug/l	100
14) Allyl chloride	4.569	41	115139	49.859	ug/l	91
15) Acrylonitrile	5.258	53	99724	262.727	ug/l	99
16) Acetone	4.028	43	90984	229.437	ug/l	# 83
17) Carbon Disulfide	4.281	76	267268	47.080	ug/l	98
18) Methyl Acetate	4.569	43	74522	53.634	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	189844	52.001	ug/l	98
20) Methylene Chloride	4.810	84	102084	52.315	ug/l	# 83
21) trans-1,2-Dichloroethene	5.316	96	99574	49.220	ug/l	97
22) Diisopropyl ether	6.222	45	258167	52.833	ug/l	94
23) Vinyl Acetate	6.157	43	627098	260.475	ug/l	# 91
24) 1,1-Dichloroethane	6.122	63	165708	49.077	ug/l	96
25) 2-Butanone	7.087	43	118092	231.302	ug/l	87
26) 2,2-Dichloropropane	7.081	77	137723	48.691	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	110161	50.692	ug/l	92
28) Bromochloromethane	7.434	49	67243	51.061	ug/l	# 73
29) Tetrahydrofuran	7.446	42	71253	267.431	ug/l	86
30) Chloroform	7.599	83	172721	50.299	ug/l	98
31) Cyclohexane	7.881	56	135276	45.303	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	141624	47.744	ug/l	99
36) 1,1-Dichloropropene	8.010	75	133447	47.369	ug/l	94
37) Ethyl Acetate	7.175	43	48356	46.107	ug/l	# 91
38) Carbon Tetrachloride	7.999	117	126389	45.426	ug/l	98
39) Methylcyclohexane	9.281	83	157171	47.175	ug/l	94
40) Benzene	8.257	78	396285	49.569	ug/l	97

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41) Methacrylonitrile	7.410	41	25393	44.095	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	102548	49.300	ug/l	94
43) Isopropyl Acetate	8.363	43	93030	48.417	ug/l	91
44) Trichloroethene	9.034	130	98496	48.157	ug/l	93
45) 1,2-Dichloropropane	9.304	63	98759	49.783	ug/l	98
46) Dibromomethane	9.398	93	53814	49.396	ug/l #	86
47) Bromodichloromethane	9.587	83	133300	48.709	ug/l	100
48) Methyl methacrylate	9.387	41	56781	51.043	ug/l #	77
49) 1,4-Dioxane	9.387	88	10091	957.261	ug/l #	82
51) 4-Methyl-2-Pentanone	10.163	43	248103	245.725	ug/l	90
52) Toluene	10.334	92	250123	49.358	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	127933	50.672	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	153586	50.745	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	72276	49.580	ug/l	92
56) Ethyl methacrylate	10.598	69	62421	52.308	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	121076	48.566	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	165269	231.104	ug/l	93
59) 2-Hexanone	10.922	43	181505	221.217	ug/l	88
60) Dibromochloromethane	11.075	129	85789	49.915	ug/l	97
61) 1,2-Dibromoethane	11.181	107	68827	51.220	ug/l	100
64) Tetrachloroethene	10.810	164	75079	48.666	ug/l	91
65) Chlorobenzene	11.610	112	257108	49.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	95117	51.066	ug/l	94
67) Ethyl Benzene	11.687	91	477944	50.390	ug/l	98
68) m/p-Xylenes	11.792	106	366343	101.129	ug/l	90
69) o-Xylene	12.122	106	165817	50.438	ug/l	91
70) Styrene	12.134	104	254842	51.730	ug/l	95
71) Bromoform	12.304	173	45280	49.089	ug/l #	99
73) Isopropylbenzene	12.422	105	439789	50.408	ug/l	95
74) N-amyl acetate	12.234	43	85651	51.312	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	79603	49.034	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	57529m	54.055	ug/l	
77) Bromobenzene	12.704	156	96800	50.605	ug/l	85
78) n-propylbenzene	12.763	91	542622	50.146	ug/l	95
79) 2-Chlorotoluene	12.851	91	294050	50.922	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	369125	51.025	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	26132	52.891	ug/l	94
82) 4-Chlorotoluene	12.945	91	305458	50.181	ug/l	95
83) tert-Butylbenzene	13.169	119	303713	50.222	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	373887	51.103	ug/l	96
85) sec-Butylbenzene	13.345	105	453320	49.506	ug/l	97
86) p-Isopropyltoluene	13.463	119	406368	50.996	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	201878	50.974	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	193387	49.426	ug/l	96
89) n-Butylbenzene	13.786	91	387709	49.980	ug/l	97
90) Hexachloroethane	14.051	117	77565	49.622	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	168804	50.687	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11208	48.311	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	102152	49.622	ug/l	96
94) Hexachlorobutadiene	15.204	225	48701	48.956	ug/l	99
95) Naphthalene	15.333	128	207193	53.832	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	89107	51.591	ug/l	99

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

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