

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078271.D
 Acq On : 30 Jan 2024 10:43
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 31 00:32:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	109077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	196207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13510	10.005	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.020%#		
35) Dibromofluoromethane	7.810	113	14402	10.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.620%#		
50) Toluene-d8	10.269	98	53386	10.095	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.180%#		
62) 4-Bromofluorobenzene	12.575	95	16007	10.107	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16059	10.839	ug/l	91
3) Chloromethane	2.152	50	25998	11.458	ug/l	93
4) Vinyl Chloride	2.287	62	33862	11.313	ug/l	98
5) Bromomethane	2.687	94	19775	10.913	ug/l	93
6) Chloroethane	2.840	64	23956	11.588	ug/l	90
7) Trichlorofluoromethane	3.175	101	29440	11.618	ug/l	98
8) Diethyl Ether	3.593	74	7551	10.073	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.969	101	17460	11.227	ug/l	91
10) Methyl Iodide	4.169	142	13567	9.590	ug/l #	90
11) Tert butyl alcohol	5.064	59	4674m	54.267	ug/l	
12) 1,1-Dichloroethene	3.946	96	16667	11.107	ug/l	95
13) Acrolein	3.805	56	5550	49.250	ug/l	98
14) Allyl chloride	4.564	41	20760	10.493	ug/l	89
15) Acrylonitrile	5.269	53	16618	50.153	ug/l	98
16) Acetone	4.028	43	19780	50.758	ug/l #	83
17) Carbon Disulfide	4.275	76	58756	11.598	ug/l	100
18) Methyl Acetate	4.569	43	6738	9.362	ug/l #	42
19) Methyl tert-butyl Ether	5.322	73	30238	9.689	ug/l #	87
20) Methylene Chloride	4.805	84	21934	11.206	ug/l #	89
21) trans-1,2-Dichloroethene	5.322	96	18070	10.650	ug/l	89
22) Diisopropyl ether	6.216	45	44289	10.520	ug/l #	87
23) Vinyl Acetate	6.163	43	126941	49.424	ug/l	97
24) 1,1-Dichloroethane	6.116	63	32248	11.065	ug/l	99
25) 2-Butanone	7.081	43	22597	50.222	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	25424	10.680	ug/l	75
27) cis-1,2-Dichloroethene	7.087	96	20548	10.927	ug/l	94
28) Bromochloromethane	7.428	49	9529	9.167	ug/l #	80
29) Tetrahydrofuran	7.452	42	11821	49.110	ug/l	90
30) Chloroform	7.599	83	32288	10.836	ug/l	85
31) Cyclohexane	7.887	56	27591	10.910	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	28012	10.908	ug/l	96
36) 1,1-Dichloropropene	8.010	75	24798	10.706	ug/l	96
37) Ethyl Acetate	7.175	43	8814	9.887	ug/l #	83
38) Carbon Tetrachloride	7.993	117	25677	11.274	ug/l #	92
39) Methylcyclohexane	9.275	83	29181	10.655	ug/l	99
40) Benzene	8.252	78	73953	10.942	ug/l	96

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41) Methacrylonitrile	7.410	41	4573m	9.541	ug/l	
42) 1,2-Dichloroethane	8.334	62	18442	10.521	ug/l	98
43) Isopropyl Acetate	8.363	43	15474	9.681	ug/l	95
44) Trichloroethene	9.034	130	17591	10.600	ug/l	85
45) 1,2-Dichloropropane	9.310	63	17413	10.538	ug/l #	88
46) Dibromomethane	9.404	93	9648	10.523	ug/l #	82
47) Bromodichloromethane	9.587	83	23329	10.342	ug/l	89
48) Methyl methacrylate	9.381	41	7012	9.180	ug/l	84
49) 1,4-Dioxane	9.381	88	2189	212.836	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	41282	47.741	ug/l	91
52) Toluene	10.334	92	42823	10.446	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	21137	10.032	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	25115	10.068	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	12046	10.068	ug/l	92
56) Ethyl methacrylate	10.599	69	12283	9.051	ug/l #	76
57) 1,3-Dichloropropane	10.881	76	21440	10.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	25293	40.984	ug/l	94
59) 2-Hexanone	10.922	43	31461	48.309	ug/l	86
60) Dibromochloromethane	11.075	129	14149	10.187	ug/l	93
61) 1,2-Dibromoethane	11.181	107	11362	10.058	ug/l	99
64) Tetrachloroethene	10.816	164	13227	10.452	ug/l	93
65) Chlorobenzene	11.604	112	43605	10.046	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	15521	10.043	ug/l	99
67) Ethyl Benzene	11.681	91	78575	9.993	ug/l	100
68) m/p-Xylenes	11.793	106	59140	19.550	ug/l	85
69) o-Xylene	12.122	106	27505	9.894	ug/l	86
70) Styrene	12.134	104	47466	9.998	ug/l	96
71) Bromoform	12.298	173	7662	10.066	ug/l #	100
73) Isopropylbenzene	12.422	105	72880	10.552	ug/l	94
74) N-amyl acetate	12.240	43	14227	9.960	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	14850	11.134	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	7625m	8.937	ug/l	
77) Bromobenzene	12.698	156	16299	10.724	ug/l	86
78) n-propylbenzene	12.763	91	89850	10.443	ug/l	93
79) 2-Chlorotoluene	12.851	91	48984	10.636	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	58336	10.382	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	4391	10.235	ug/l #	87
82) 4-Chlorotoluene	12.945	91	53536	10.903	ug/l	93
83) tert-Butylbenzene	13.163	119	49024	10.225	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	56467	9.933	ug/l	98
85) sec-Butylbenzene	13.345	105	79381	10.550	ug/l	97
86) p-Isopropyltoluene	13.457	119	62661	10.167	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	33263	10.534	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	33683	10.782	ug/l	92
89) n-Butylbenzene	13.787	91	62262	10.368	ug/l	96
90) Hexachloroethane	14.057	117	13244	10.759	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	28924	10.707	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1771	9.472	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	15880	10.163	ug/l	92
94) Hexachlorobutadiene	15.204	225	8287	10.824	ug/l	98
95) Naphthalene	15.334	128	28486	9.144	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.528	180	13546	9.846	ug/l	95

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

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