

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078132.D
 Acq On : 08 Jan 2024 15:02
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 09 01:02:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 00:46:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/09/2024
 Supervised By :Semsettin Yesilyurt 01/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	121949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	196016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	178273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	173947	135.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 270.980%#			
35) Dibromofluoromethane	7.810	113	193262	136.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 273.600%#			
50) Toluene-d8	10.275	98	711581	150.195	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 300.380%#			
62) 4-Bromofluorobenzene	12.575	95	229304	139.036	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 278.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	140274	151.116	ug/l	96
3) Chloromethane	2.152	50	197929	127.642	ug/l	96
4) Vinyl Chloride	2.287	62	292075	133.941	ug/l	100
5) Bromomethane	2.687	94	232491	138.873	ug/l	98
6) Chloroethane	2.840	64	226201	139.704	ug/l	97
7) Trichlorofluoromethane	3.181	101	321973	134.368	ug/l	99
8) Diethyl Ether	3.599	74	84918	135.151	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.975	101	192791	135.360	ug/l	98
10) Methyl Iodide	4.175	142	205683	149.299	ug/l #	87
11) Tert butyl alcohol	5.046	59	41945	641.312	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	174387	144.593	ug/l #	84
13) Acrolein	3.805	56	67665	731.974	ug/l	97
14) Allyl chloride	4.569	41	227142	140.982	ug/l	86
15) Acrylonitrile	5.264	53	201685	686.091	ug/l	97
16) Acetone	4.022	43	186971	746.526	ug/l #	82
17) Carbon Disulfide	4.281	76	382738	142.390	ug/l	97
18) Methyl Acetate	4.564	43	174718	151.190	ug/l	88
19) Methyl tert-butyl Ether	5.322	73	436129	150.094	ug/l	99
20) Methylene Chloride	4.805	84	203131	150.525	ug/l #	86
21) trans-1,2-Dichloroethene	5.322	96	199624	145.439	ug/l	94
22) Diisopropyl ether	6.222	45	553060	145.982	ug/l	97
23) Vinyl Acetate	6.158	43	1253299m	718.454	ug/l	
24) 1,1-Dichloroethane	6.116	63	367168	138.907	ug/l	98
25) 2-Butanone	7.087	43	254035	640.538	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	346224	146.428	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	246484	146.063	ug/l	91
28) Bromochloromethane	7.428	49	146648	153.015	ug/l	81
29) Tetrahydrofuran	7.446	42	143186	688.179	ug/l	87
30) Chloroform	7.605	83	394207	137.591	ug/l	97
31) Cyclohexane	7.881	56	261328	134.526	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	364109	146.922	ug/l	98
36) 1,1-Dichloropropene	8.010	75	286750	150.332	ug/l	97
37) Ethyl Acetate	7.169	43	99667	132.763	ug/l	94
38) Carbon Tetrachloride	7.999	117	320547	145.914	ug/l	98
39) Methylcyclohexane	9.275	83	323944	154.322	ug/l	96
40) Benzene	8.257	78	848079	148.956	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	65066	151.741	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	223318	139.376	ug/l	93
43) Isopropyl Acetate	8.363	43	208042	143.754	ug/l	91
44) Trichloroethene	9.034	130	226512	147.135	ug/l	97
45) 1,2-Dichloropropane	9.310	63	213351	145.296	ug/l	99
46) Dibromomethane	9.399	93	117664	144.840	ug/l	92
47) Bromodichloromethane	9.587	83	310288	143.667	ug/l	98
48) Methyl methacrylate	9.381	41	119806	149.800	ug/l #	76
49) 1,4-Dioxane	9.387	88	19857	2796.187	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	560694	747.785	ug/l	90
52) Toluene	10.334	92	570576	158.679	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	294357	153.561	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	332781	152.158	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	163516	143.508	ug/l	97
56) Ethyl methacrylate	10.599	69	136219	153.404	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	268941	145.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	329387	812.382	ug/l	97
59) 2-Hexanone	10.922	43	403489	715.726	ug/l	88
60) Dibromochloromethane	11.075	129	208773	145.012	ug/l	96
61) 1,2-Dibromoethane	11.181	107	151264	144.196	ug/l	99
64) Tetrachloroethene	10.810	164	173125	143.430	ug/l	87
65) Chlorobenzene	11.610	112	594054	144.829	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	242021	151.898	ug/l	96
67) Ethyl Benzene	11.687	91	1165425	161.792	ug/l	97
68) m/p-Xylenes	11.793	106	897304	323.171	ug/l	90
69) o-Xylene	12.122	106	413960	161.001	ug/l	90
70) Styrene	12.134	104	642000	164.252	ug/l	95
71) Bromoform	12.298	173	118305	146.905	ug/l #	100
73) Isopropylbenzene	12.422	105	1142438	153.879	ug/l	96
74) N-amyl acetate	12.234	43	198556	146.230	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	188710	135.078	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	130483m	132.620	ug/l	
77) Bromobenzene	12.704	156	243839	142.974	ug/l	90
78) n-propylbenzene	12.763	91	1373285	152.603	ug/l	96
79) 2-Chlorotoluene	12.851	91	720740	150.529	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	948011	153.859	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	61835	149.902	ug/l	94
82) 4-Chlorotoluene	12.951	91	762930	148.138	ug/l	96
83) tert-Butylbenzene	13.169	119	840461	155.801	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	974781	159.356	ug/l	95
85) sec-Butylbenzene	13.345	105	1226184	155.144	ug/l	96
86) p-Isopropyltoluene	13.463	119	1119677	159.996	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	531448	150.188	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	497778	142.417	ug/l	99
89) n-Butylbenzene	13.787	91	1011865	152.261	ug/l	99
90) Hexachloroethane	14.057	117	199979	139.035	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	431492	141.358	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	26796	141.553	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	274910	145.445	ug/l	98
94) Hexachlorobutadiene	15.204	225	148892	139.618	ug/l	99
95) Naphthalene	15.334	128	516350	154.100	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	234538	145.500	ug/l	98

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

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