

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014967.D
 Acq On : 07 Aug 2023 16:51
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

Quant Time: Aug 08 07:50:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	321837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	471226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190560	48.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.700%		
35) Dibromofluoromethane	7.716	113	166793	49.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.660%		
50) Toluene-d8	10.179	98	625170	49.071	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.477	95	219623	48.639	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	83608	46.661	ug/l	98
3) Chloromethane	2.107	50	113208	44.696	ug/l	98
4) Vinyl Chloride	2.247	62	141476	45.330	ug/l	99
5) Bromomethane	2.637	94	104470	52.495	ug/l	97
6) Chloroethane	2.784	64	100670	46.717	ug/l	92
7) Trichlorofluoromethane	3.113	101	230064	46.647	ug/l	99
8) Diethyl Ether	3.521	74	86938	47.770	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	138167	47.324	ug/l	96
10) Methyl Iodide	4.082	142	154359	51.137	ug/l	97
11) Tert butyl alcohol	4.948	59	152791	162.299	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	120530	47.380	ug/l	92
13) Acrolein	3.723	56	71183	222.267	ug/l	99
14) Allyl chloride	4.472	41	204835	48.354	ug/l	97
15) Acrylonitrile	5.155	53	267268	240.382	ug/l	99
16) Acetone	3.942	43	296474	243.735	ug/l	89
17) Carbon Disulfide	4.186	76	256101	45.534	ug/l	97
18) Methyl Acetate	4.466	43	210327	47.481	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	464666	48.280	ug/l	99
20) Methylene Chloride	4.710	84	222705	48.015	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	136874	47.204	ug/l	91
22) Diisopropyl ether	6.112	45	483550	49.006	ug/l	92
23) Vinyl Acetate	6.051	43	1464955	246.978	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	270017	48.244	ug/l	98
25) 2-Butanone	6.978	43	414843	238.112	ug/l	96
26) 2,2-Dichloropropane	6.972	77	264589	46.721	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	176819	48.186	ug/l	96
28) Bromochloromethane	7.332	49	123184	48.824	ug/l	92
29) Tetrahydrofuran	7.344	42	240574	235.471	ug/l	91
30) Chloroform	7.502	83	299841	49.317	ug/l	98
31) Cyclohexane	7.777	56	198111	49.027	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	260922	48.698	ug/l	99
36) 1,1-Dichloropropene	7.911	75	200823	48.326	ug/l	99
37) Ethyl Acetate	7.069	43	156108	47.326	ug/l #	95
38) Carbon Tetrachloride	7.899	117	230856	49.416	ug/l	97
39) Methylcyclohexane	9.179	83	235404	47.634	ug/l	93
40) Benzene	8.155	78	588273	48.075	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	78906m	49.224	ug/l	
42) 1,2-Dichloroethane	8.234	62	207485	48.712	ug/l	96
43) Isopropyl Acetate	8.270	43	296179	48.329	ug/l	97
44) Trichloroethene	8.935	130	169181	48.184	ug/l	97
45) 1,2-Dichloropropane	9.209	63	158931	48.870	ug/l	99
46) Dibromomethane	9.301	93	101881	48.631	ug/l	97
47) Bromodichloromethane	9.496	83	240847	49.923	ug/l	99
48) Methyl methacrylate	9.289	41	131814	49.022	ug/l	94
49) 1,4-Dioxane	9.295	88	37177	954.046	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	840272	243.302	ug/l	93
52) Toluene	10.240	92	381242	48.415	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	251615	50.082	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	271807	50.075	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	147691	48.505	ug/l	96
56) Ethyl methacrylate	10.508	69	218893	50.206	ug/l	91
57) 1,3-Dichloropropane	10.788	76	247153	49.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	514206	249.431	ug/l	93
59) 2-Hexanone	10.831	43	623551	244.411	ug/l	92
60) Dibromochloromethane	10.983	129	180884	49.892	ug/l	99
61) 1,2-Dibromoethane	11.087	107	140930	48.491	ug/l	99
64) Tetrachloroethene	10.715	164	176893	49.904	ug/l	97
65) Chlorobenzene	11.514	112	434989	48.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	174603	49.833	ug/l	99
67) Ethyl Benzene	11.587	91	766371	48.838	ug/l	100
68) m/p-Xylenes	11.697	106	584701	97.401	ug/l	96
69) o-Xylene	12.026	106	286870	48.837	ug/l	98
70) Styrene	12.044	104	495091	49.319	ug/l	97
71) Bromoform	12.209	173	120434	49.868	ug/l #	100
73) Isopropylbenzene	12.325	105	773269	49.027	ug/l	100
74) N-amyl acetate	12.142	43	264551	49.092	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	187251	48.581	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	134716m	47.917	ug/l	
77) Bromobenzene	12.605	156	185784	48.561	ug/l	97
78) n-propylbenzene	12.666	91	923971	48.979	ug/l	100
79) 2-Chlorotoluene	12.751	91	521719	48.526	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	635951	48.928	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	63553	49.799	ug/l	97
82) 4-Chlorotoluene	12.855	91	541803	48.748	ug/l	99
83) tert-Butylbenzene	13.074	119	580510	48.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	641392	49.253	ug/l	99
85) sec-Butylbenzene	13.251	105	856645	49.089	ug/l	99
86) p-Isopropyltoluene	13.367	119	711769	49.274	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	364373	48.657	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	364069	48.750	ug/l	99
89) n-Butylbenzene	13.696	91	673383	49.615	ug/l	97
90) Hexachloroethane	13.958	117	138585	49.404	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	339693	49.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36348	48.298	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	221651	50.118	ug/l	98
94) Hexachlorobutadiene	15.111	225	120338	50.178	ug/l	97
95) Naphthalene	15.233	128	521946	50.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	200968	50.202	ug/l	99

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

