

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014514.D
 Acq On : 30 Jun 2023 14:04
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/03/2023
 Supervised By :Mahesh Dadoda 07/03/2023

Quant Time: Jun 30 18:47:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 15:18:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	402443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	603544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	561982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	303218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	201475	50.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.660%			
35) Dibromofluoromethane	7.716	113	189480	50.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.960%			
50) Toluene-d8	10.179	98	736557	50.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.477	95	258655	50.699	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	144165	48.667	ug/l	97
3) Chloromethane	2.107	50	221507	47.525	ug/l	99
4) Vinyl Chloride	2.241	62	257275	47.889	ug/l	97
5) Bromomethane	2.637	94	190395	45.704	ug/l	99
6) Chloroethane	2.784	64	168510	48.714	ug/l	97
7) Trichlorofluoromethane	3.113	101	313162	47.996	ug/l	99
8) Diethyl Ether	3.521	74	123653	50.051	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	186345	47.825	ug/l	98
10) Methyl Iodide	4.082	142	236147	53.110	ug/l	92
11) Tert butyl alcohol	4.948	59	171230	246.584	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	187551	49.686	ug/l	89
13) Acrolein	3.723	56	133328	251.691	ug/l	100
14) Allyl chloride	4.473	41	287187	50.477	ug/l	87
15) Acrylonitrile	5.155	53	369580	260.586	ug/l	98
16) Acetone	3.942	43	315110	252.040	ug/l #	86
17) Carbon Disulfide	4.186	76	571017	49.640	ug/l	99
18) Methyl Acetate	4.466	43	283380	49.792	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	562748	51.872	ug/l	100
20) Methylene Chloride	4.704	84	232042	51.567	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	214643	50.236	ug/l	97
22) Diisopropyl ether	6.112	45	615255	52.481	ug/l	89
23) Vinyl Acetate	6.051	43	1846706	272.269	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	367090	49.879	ug/l	98
25) 2-Butanone	6.978	43	489503	264.423	ug/l	94
26) 2,2-Dichloropropane	6.972	77	304460	48.535	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	246956	50.952	ug/l	90
28) Bromochloromethane	7.326	49	155159	50.208	ug/l	84
29) Tetrahydrofuran	7.344	42	323101	270.589	ug/l	87
30) Chloroform	7.502	83	381361	49.674	ug/l	95
31) Cyclohexane	7.783	56	302518	48.165	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	324398	49.434	ug/l	97
36) 1,1-Dichloropropene	7.911	75	284647	50.011	ug/l	97
37) Ethyl Acetate	7.070	43	203289	52.081	ug/l #	91
38) Carbon Tetrachloride	7.899	117	292645	49.253	ug/l	99
39) Methylcyclohexane	9.179	83	344508	50.639	ug/l	96
40) Benzene	8.155	78	862518	50.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	98631m	50.369	ug/l	
42) 1,2-Dichloroethane	8.234	62	254936	50.342	ug/l	93
43) Isopropyl Acetate	8.271	43	345328	52.205	ug/l #	92
44) Trichloroethene	8.935	130	238482	49.650	ug/l	97
45) 1,2-Dichloropropane	9.209	63	221529	50.121	ug/l	98
46) Dibromomethane	9.301	93	135762	50.455	ug/l	94
47) Bromodichloromethane	9.490	83	297592	50.196	ug/l	97
48) Methyl methacrylate	9.289	41	159546	53.039	ug/l #	81
49) 1,4-Dioxane	9.295	88	53819	1120.105	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	1043726	266.515	ug/l	89
52) Toluene	10.240	92	549476	50.680	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	326425	51.487	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	360405	50.950	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	200753	51.274	ug/l	97
56) Ethyl methacrylate	10.508	69	283058	53.147	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	321351	50.373	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	701628	271.931	ug/l	96
59) 2-Hexanone	10.831	43	766202	270.848	ug/l	87
60) Dibromochloromethane	10.984	129	232842	50.753	ug/l	100
61) 1,2-Dibromoethane	11.087	107	196173	51.322	ug/l	99
64) Tetrachloroethene	10.715	164	247855	49.337	ug/l	97
65) Chlorobenzene	11.514	112	597911	49.924	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	228380	50.172	ug/l	99
67) Ethyl Benzene	11.587	91	1039161	50.881	ug/l	98
68) m/p-Xylenes	11.697	106	831338	102.619	ug/l	93
69) o-Xylene	12.026	106	396493	51.602	ug/l	94
70) Styrene	12.044	104	691781	52.329	ug/l	96
71) Bromoform	12.203	173	176245	50.965	ug/l	100
73) Isopropylbenzene	12.325	105	1014058	51.064	ug/l	99
74) N-amyl acetate	12.142	43	316764	52.851	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	260337	51.085	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	179509m	50.185	ug/l	
77) Bromobenzene	12.605	156	274177	50.549	ug/l	95
78) n-propylbenzene	12.666	91	1238229	51.115	ug/l	98
79) 2-Chlorotoluene	12.752	91	705097	50.577	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	862065	51.278	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	93030	50.890	ug/l	88
82) 4-Chlorotoluene	12.849	91	735238	50.341	ug/l	97
83) tert-Butylbenzene	13.075	119	756429	51.197	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	866602	51.658	ug/l	98
85) sec-Butylbenzene	13.251	105	1102747	50.579	ug/l	99
86) p-Isopropyltoluene	13.367	119	937875	51.116	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	527321	49.724	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	522708	49.182	ug/l	98
89) n-Butylbenzene	13.696	91	856413	50.507	ug/l	97
90) Hexachloroethane	13.959	117	178050	48.989	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	478282	49.789	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	47309	50.706	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	315247	50.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	186884	49.008	ug/l	98
95) Naphthalene	15.233	128	691913	52.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	288649	51.059	ug/l	99

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

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