

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015850.D
 Acq On : 05 Oct 2023 15:31
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 06 05:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103572	50.107	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.220%			
35) Dibromofluoromethane	7.710	113	100491	51.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.000%			
50) Toluene-d8	10.173	98	333798	52.182	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.477	95	134202	51.326	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52320	54.150	ug/l	100
3) Chloromethane	2.107	50	60742	56.570	ug/l	99
4) Vinyl Chloride	2.241	62	73946	54.678	ug/l	98
5) Bromomethane	2.637	94	51931	55.095	ug/l	93
6) Chloroethane	2.778	64	54272	56.183	ug/l	94
7) Trichlorofluoromethane	3.113	101	136733	52.111	ug/l	100
8) Diethyl Ether	3.521	74	57563	50.319	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	88685	51.855	ug/l	95
10) Methyl Iodide	4.076	142	82385	50.683	ug/l	97
11) Tert butyl alcohol	4.966	59	106990	243.696	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	72386	52.924	ug/l	92
13) Acrolein	3.723	56	38907	243.978	ug/l	99
14) Allyl chloride	4.466	41	132738	51.477	ug/l	93
15) Acrylonitrile	5.155	53	215425	241.411	ug/l	97
16) Acetone	3.948	43	241530	225.538	ug/l	93
17) Carbon Disulfide	4.180	76	120072	54.050	ug/l	98
18) Methyl Acetate	4.466	43	174325	50.017	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	321683	49.759	ug/l	98
20) Methylene Chloride	4.698	84	110524	48.119	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	83360	52.910	ug/l	97
22) Diisopropyl ether	6.112	45	336692	50.284	ug/l	90
23) Vinyl Acetate	6.051	43	1005820	248.183	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	178341	50.157	ug/l	99
25) 2-Butanone	6.978	43	337872	229.365	ug/l	97
26) 2,2-Dichloropropane	6.972	77	162390	49.147	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	114484	50.268	ug/l	95
28) Bromochloromethane	7.326	49	108036	51.956	ug/l	94
29) Tetrahydrofuran	7.344	42	198149	241.069	ug/l	92
30) Chloroform	7.496	83	193951	48.761	ug/l	97
31) Cyclohexane	7.777	56	118841	51.006	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	162642	50.018	ug/l	98
36) 1,1-Dichloropropene	7.911	75	123963	52.738	ug/l	99
37) Ethyl Acetate	7.063	43	124284	47.249	ug/l	96
38) Carbon Tetrachloride	7.893	117	141659	51.255	ug/l	99
39) Methylcyclohexane	9.179	83	137712	54.781	ug/l	93
40) Benzene	8.155	78	380717	51.618	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	63824	51.917	ug/l #	92
42) 1,2-Dichloroethane	8.234	62	132796	50.005	ug/l	94
43) Isopropyl Acetate	8.264	43	220091	48.612	ug/l	97
44) Trichloroethene	8.935	130	109122	50.552	ug/l	98
45) 1,2-Dichloropropane	9.209	63	108090	49.546	ug/l	93
46) Dibromomethane	9.301	93	69613	49.911	ug/l	96
47) Bromodichloromethane	9.490	83	160566	49.596	ug/l	98
48) Methyl methacrylate	9.289	41	97370	49.242	ug/l	90
49) 1,4-Dioxane	9.307	88	27992	895.946	ug/l #	46
51) 4-Methyl-2-Pentanone	10.063	43	682843	241.092	ug/l	92
52) Toluene	10.240	92	247535	51.294	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	173065	50.946	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	183070	50.765	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	108006	49.292	ug/l	97
56) Ethyl methacrylate	10.508	69	162055	51.009	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	175325	50.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	472074	255.011	ug/l	95
59) 2-Hexanone	10.831	43	528184	240.326	ug/l	90
60) Dibromochloromethane	10.983	129	127156	50.242	ug/l	99
61) 1,2-Dibromoethane	11.087	107	101945	49.785	ug/l	99
64) Tetrachloroethene	10.715	164	110166	49.498	ug/l	98
65) Chlorobenzene	11.514	112	291527	49.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	117655	48.867	ug/l	98
67) Ethyl Benzene	11.587	91	507350	50.620	ug/l	99
68) m/p-Xylenes	11.703	106	389863	102.327	ug/l	96
69) o-Xylene	12.026	106	194646	51.363	ug/l	97
70) Styrene	12.044	104	343562	51.931	ug/l	96
71) Bromoform	12.203	173	90344	50.322	ug/l #	99
73) Isopropylbenzene	12.325	105	526586	49.846	ug/l	100
74) N-amyl acetate	12.142	43	200485	49.111	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	149961	48.055	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	129672m	53.713	ug/l	
77) Bromobenzene	12.605	156	128821	49.292	ug/l	94
78) n-propylbenzene	12.666	91	640674	50.631	ug/l	100
79) 2-Chlorotoluene	12.751	91	362692	49.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	444721	50.512	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	50354	48.283	ug/l	94
82) 4-Chlorotoluene	12.855	91	377274	49.467	ug/l	99
83) tert-Butylbenzene	13.075	119	402892	50.063	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	443433	50.134	ug/l	98
85) sec-Butylbenzene	13.251	105	597918	50.641	ug/l	100
86) p-Isopropyltoluene	13.367	119	498163	50.666	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	257885	49.284	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	258600	48.879	ug/l	99
89) n-Butylbenzene	13.696	91	476678	50.949	ug/l	97
90) Hexachloroethane	13.959	117	94664	49.326	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	243718	49.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29958	47.843	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	160078	49.908	ug/l	99
94) Hexachlorobutadiene	15.111	225	83003	49.665	ug/l	98
95) Naphthalene	15.233	128	424643	49.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147917	49.220	ug/l	99

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

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