

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014021.D
 Acq On : 05 Jun 2023 20:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 04:01:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145724	56.870	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.740%			
35) Dibromofluoromethane	7.722	113	117867	58.355	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.720%			
50) Toluene-d8	10.179	98	414108	53.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.483	95	151727	57.766	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	82125	48.219	ug/l	100
3) Chloromethane	2.113	50	109917	46.597	ug/l	100
4) Vinyl Chloride	2.253	62	102454	46.884	ug/l	96
5) Bromomethane	2.656	94	90004	47.300	ug/l	100
6) Chloroethane	2.796	64	70490	45.073	ug/l	99
7) Trichlorofluoromethane	3.125	101	175380	50.768	ug/l	98
8) Diethyl Ether	3.534	74	70497	52.053	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	96938	54.624	ug/l	99
10) Methyl Iodide	4.088	142	97160	39.725	ug/l	98
11) Tert butyl alcohol	4.972	59	91614	173.965	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	91217	49.023	ug/l	97
13) Acrolein	3.729	56	39489	163.745	ug/l	100
14) Allyl chloride	4.479	41	184346	51.051	ug/l	99
15) Acrylonitrile	5.167	53	209621	278.922	ug/l	99
16) Acetone	3.954	43	184158	210.064	ug/l	97
17) Carbon Disulfide	4.192	76	260866	41.461	ug/l	100
18) Methyl Acetate	4.479	43	166790	52.659	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	339819	56.449	ug/l	97
20) Methylene Chloride	4.716	84	144107	61.707	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	108542	51.501	ug/l	98
22) Diisopropyl ether	6.118	45	403089	57.588	ug/l	99
23) Vinyl Acetate	6.064	43	1222809	278.530	ug/l	100
24) 1,1-Dichloroethane	6.015	63	210745	53.941	ug/l	99
25) 2-Butanone	6.990	43	272098	249.138	ug/l	98
26) 2,2-Dichloropropane	6.984	77	175653	49.540	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	130261	53.983	ug/l	99
28) Bromochloromethane	7.332	49	101409	54.961	ug/l	99
29) Tetrahydrofuran	7.350	42	178634	263.021	ug/l	100
30) Chloroform	7.508	83	230944	56.300	ug/l	93
31) Cyclohexane	7.783	56	144803	46.930	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	186911	53.718	ug/l	99
36) 1,1-Dichloropropene	7.917	75	146377	50.868	ug/l	99
37) Ethyl Acetate	7.076	43	127698	50.899	ug/l	100
38) Carbon Tetrachloride	7.905	117	169401	52.534	ug/l	99
39) Methylcyclohexane	9.185	83	158253	51.514	ug/l	98
40) Benzene	8.161	78	463990	52.269	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	57768m	49.819	ug/l	
42) 1,2-Dichloroethane	8.240	62	175049	53.778	ug/l	99
43) Isopropyl Acetate	8.277	43	221025	52.320	ug/l	99
44) Trichloroethene	8.941	130	119069	51.221	ug/l	99
45) 1,2-Dichloropropane	9.215	63	128035	55.891	ug/l	98
46) Dibromomethane	9.307	93	79907	54.486	ug/l	98
47) Bromodichloromethane	9.496	83	185061	56.016	ug/l	98
48) Methyl methacrylate	9.295	41	105019	54.618	ug/l	99
49) 1,4-Dioxane	9.307	88	22690	1063.884	ug/l #	44
51) 4-Methyl-2-Pentanone	10.069	43	644256	270.006	ug/l	100
52) Toluene	10.246	92	289743	53.281	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	195957	55.218	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	207132	54.668	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	107990	55.854	ug/l	99
56) Ethyl methacrylate	10.514	69	155518	56.022	ug/l	99
57) 1,3-Dichloropropane	10.788	76	185417	56.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	363853	264.874	ug/l	100
59) 2-Hexanone	10.831	43	454469	263.038	ug/l	99
60) Dibromochloromethane	10.983	129	139588	57.122	ug/l	100
61) 1,2-Dibromoethane	11.087	107	104705	53.900	ug/l	99
64) Tetrachloroethene	10.721	164	110848	52.146	ug/l	98
65) Chlorobenzene	11.520	112	323557	50.827	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	132145	53.323	ug/l	99
67) Ethyl Benzene	11.593	91	561151	50.927	ug/l	100
68) m/p-Xylenes	11.703	106	430809	102.355	ug/l	100
69) o-Xylene	12.032	106	209220	51.876	ug/l	99
70) Styrene	12.044	104	369963	53.406	ug/l	100
71) Bromoform	12.209	173	96052	52.573	ug/l	100
73) Isopropylbenzene	12.331	105	531706	50.242	ug/l	100
74) N-amyl acetate	12.142	43	200821	49.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	138716	50.151	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	91632m	42.468	ug/l	
77) Bromobenzene	12.611	156	142625	49.853	ug/l	98
78) n-propylbenzene	12.672	91	660758	50.943	ug/l	99
79) 2-Chlorotoluene	12.758	91	384321	50.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	462742	51.016	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	48236	47.427	ug/l	98
82) 4-Chlorotoluene	12.855	91	404643	50.107	ug/l	99
83) tert-Butylbenzene	13.075	119	380356	50.075	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	466253	51.465	ug/l	100
85) sec-Butylbenzene	13.257	105	564069	51.069	ug/l	100
86) p-Isopropyltoluene	13.373	119	473426	50.778	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	270198	49.732	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	270157	49.156	ug/l	99
89) n-Butylbenzene	13.696	91	448926	51.031	ug/l	100
90) Hexachloroethane	13.965	117	97578	49.867	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	252167	50.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25686	48.148	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	156652	50.913	ug/l	100
94) Hexachlorobutadiene	15.111	225	85259	52.022	ug/l	97
95) Naphthalene	15.239	128	342301	46.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	144751	51.652	ug/l	99

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

