

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013658.D
 Acq On : 09 May 2023 11:12
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 05:33:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/10/2023
 Supervised By :Mahesh Dadoda 05/10/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	362916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140053	53.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.700%			
35) Dibromofluoromethane	7.716	113	124986	54.757	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.520%			
50) Toluene-d8	10.179	98	417833	51.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.483	95	156467	57.157	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	52527	23.072	ug/l	100
3) Chloromethane	2.113	50	62311	20.418	ug/l	99
4) Vinyl Chloride	2.253	62	62505	20.570	ug/l	99
5) Bromomethane	2.649	94	52854	21.828	ug/l	99
6) Chloroethane	2.790	64	41862	19.942	ug/l	95
7) Trichlorofluoromethane	3.125	101	107557	23.366	ug/l	98
8) Diethyl Ether	3.527	74	34539	22.034	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	58267	22.567	ug/l	99
10) Methyl Iodide	4.088	142	58083	17.911	ug/l	97
11) Tert butyl alcohol	4.929	59	53788m	182.085	ug/l	
12) 1,1-Dichloroethene	3.869	96	52860	21.239	ug/l	98
13) Acrolein	3.728	56	22145	90.910	ug/l	94
14) Allyl chloride	4.472	41	96869	20.976	ug/l	96
15) Acrylonitrile	5.167	53	94706	107.881	ug/l	99
16) Acetone	3.954	43	106010	102.541	ug/l	96
17) Carbon Disulfide	4.192	76	159907	19.779	ug/l	99
18) Methyl Acetate	4.478	43	70123	20.537	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	154360	21.483	ug/l	98
20) Methylene Chloride	4.716	84	82110	20.595	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	59581	21.895	ug/l	94
22) Diisopropyl ether	6.118	45	202076	22.387	ug/l	96
23) Vinyl Acetate	6.057	43	592659	115.964	ug/l	97
24) 1,1-Dichloroethane	6.015	63	114574	22.775	ug/l	99
25) 2-Butanone	6.990	43	142538	108.714	ug/l	96
26) 2,2-Dichloropropane	6.984	77	104064	24.006	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	66528	22.127	ug/l	92
28) Bromochloromethane	7.331	49	40047	22.433	ug/l	84
29) Tetrahydrofuran	7.350	42	84280	103.265	ug/l	91
30) Chloroform	7.502	83	118545	23.701	ug/l	99
31) Cyclohexane	7.789	56	98375	20.930	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	106526	23.867	ug/l	98
36) 1,1-Dichloropropene	7.917	75	87199	23.018	ug/l	97
37) Ethyl Acetate	7.075	43	60735	21.305	ug/l	97
38) Carbon Tetrachloride	7.898	117	97092	24.453	ug/l	98
39) Methylcyclohexane	9.185	83	97313	21.790	ug/l	96
40) Benzene	8.161	78	251362	23.556	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32895m	24.762	ug/l	
42) 1,2-Dichloroethane	8.234	62	82679	23.699	ug/l	99
43) Isopropyl Acetate	8.270	43	102905	21.386	ug/l	98
44) Trichloroethene	8.941	130	66565	23.451	ug/l	99
45) 1,2-Dichloropropane	9.215	63	64279	23.038	ug/l	98
46) Dibromomethane	9.301	93	38478	23.049	ug/l	96
47) Bromodichloromethane	9.496	83	89576	23.979	ug/l	95
48) Methyl methacrylate	9.295	41	47753	21.609	ug/l	93
49) 1,4-Dioxane	9.301	88	9280	389.215	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	297256	110.860	ug/l	95
52) Toluene	10.239	92	151207	23.547	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	90618	22.921	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	101300	22.771	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	52163	23.595	ug/l	96
56) Ethyl methacrylate	10.508	69	69224	22.569	ug/l	94
57) 1,3-Dichloropropane	10.788	76	87170	23.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	137895	119.894	ug/l	93
59) 2-Hexanone	10.831	43	217434	111.554	ug/l	96
60) Dibromochloromethane	10.983	129	64462	24.013	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49098	22.589	ug/l	98
64) Tetrachloroethene	10.721	164	57719	23.003	ug/l	98
65) Chlorobenzene	11.514	112	163799	22.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	64188	23.876	ug/l	99
67) Ethyl Benzene	11.593	91	290024	22.977	ug/l	97
68) m/p-Xylenes	11.703	106	223715	46.622	ug/l	98
69) o-Xylene	12.026	106	102677	22.625	ug/l	95
70) Styrene	12.044	104	179486	23.654	ug/l	100
71) Bromoform	12.209	173	43537	23.120	ug/l #	98
73) Isopropylbenzene	12.331	105	279500	22.038	ug/l	99
74) N-amyl acetate	12.142	43	89774	19.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	66534	21.463	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	50192m	22.195	ug/l	
77) Bromobenzene	12.611	156	69388	22.579	ug/l	93
78) n-propylbenzene	12.672	91	345603	22.123	ug/l	99
79) 2-Chlorotoluene	12.757	91	192587	22.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	234727	22.675	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	22619	20.460	ug/l	94
82) 4-Chlorotoluene	12.855	91	204495	22.491	ug/l	97
83) tert-Butylbenzene	13.074	119	203852	22.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	231044	22.957	ug/l	99
85) sec-Butylbenzene	13.251	105	306511	22.772	ug/l	99
86) p-Isopropyltoluene	13.367	119	250263	23.121	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133800	22.853	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134411	22.727	ug/l	98
89) n-Butylbenzene	13.696	91	238529	22.579	ug/l	98
90) Hexachloroethane	13.958	117	50269	22.067	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	121179	22.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11533	21.065	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	72875	23.119	ug/l	97
94) Hexachlorobutadiene	15.111	225	46220	25.195	ug/l	99
95) Naphthalene	15.239	128	141819	20.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	63973	22.770	ug/l	98

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

