

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014406.D
 Acq On : 23 Jun 2023 14:40
 Operator : KP/MD
 Sample : VY0623SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBS01

Quant Time: Jun 23 17:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	251285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	161342	51.713	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.420%			
35) Dibromofluoromethane	7.716	113	120276	51.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.880%			
50) Toluene-d8	10.179	98	482536	52.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.477	95	167988	51.118	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54333	23.293	ug/l	99
3) Chloromethane	2.113	50	48827	21.390	ug/l	98
4) Vinyl Chloride	2.253	62	52390	21.058	ug/l	96
5) Bromomethane	2.638	94	46959	21.482	ug/l	96
6) Chloroethane	2.784	64	35792	21.719	ug/l	99
7) Trichlorofluoromethane	3.119	101	106668	21.716	ug/l	97
8) Diethyl Ether	3.528	74	31357	20.938	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	49821	21.461	ug/l	97
10) Methyl Iodide	4.088	142	56575	20.255	ug/l	93
11) Tert butyl alcohol	4.954	59	57785	133.217	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	49523	21.392	ug/l	92
13) Acrolein	3.723	56	41416	101.937	ug/l	99
14) Allyl chloride	4.479	41	75749	20.488	ug/l	92
15) Acrylonitrile	5.155	53	82833	98.915	ug/l	98
16) Acetone	3.942	43	87317	88.942	ug/l	99
17) Carbon Disulfide	4.192	76	155952	21.769	ug/l	99
18) Methyl Acetate	4.473	43	62930	18.646	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	149552	21.004	ug/l	98
20) Methylene Chloride	4.710	84	74194	23.189	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	53438	20.994	ug/l	94
22) Diisopropyl ether	6.119	45	147902	20.130	ug/l	97
23) Vinyl Acetate	6.058	43	384579m	102.518	ug/l	
24) 1,1-Dichloroethane	6.015	63	90335	20.705	ug/l	97
25) 2-Butanone	6.984	43	112518	92.018	ug/l	96
26) 2,2-Dichloropropane	6.978	77	98139	21.273	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	59106	20.628	ug/l	99
28) Bromochloromethane	7.332	49	38158	20.054	ug/l #	82
29) Tetrahydrofuran	7.344	42	69738	95.647	ug/l	91
30) Chloroform	7.502	83	102156	20.756	ug/l	97
31) Cyclohexane	7.783	56	79557	20.645	ug/l #	83
32) 1,1,1-Trichloroethane	7.698	97	100193	21.387	ug/l	99
36) 1,1-Dichloropropene	7.917	75	74443	20.861	ug/l	99
37) Ethyl Acetate	7.070	43	47022	19.120	ug/l	98
38) Carbon Tetrachloride	7.899	117	95322	21.227	ug/l	99
39) Methylcyclohexane	9.179	83	87644	21.348	ug/l	97
40) Benzene	8.161	78	212441	21.019	ug/l	99

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41) Methacrylonitrile	7.301	41	25445m	20.878	ug/l	
42) 1,2-Dichloroethane	8.234	62	80850	21.099	ug/l	99
43) Isopropyl Acetate	8.271	43	84622	19.487	ug/l	97
44) Trichloroethene	8.935	130	60140	20.725	ug/l	97
45) 1,2-Dichloropropane	9.216	63	49219	20.654	ug/l	99
46) Dibromomethane	9.301	93	33587	20.624	ug/l	96
47) Bromodichloromethane	9.496	83	79585	20.967	ug/l	96
48) Methyl methacrylate	9.289	41	39485	19.578	ug/l	96
49) 1,4-Dioxane	9.301	88	8912	349.992	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	236485	96.491	ug/l	98
52) Toluene	10.240	92	138388	21.281	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	84490	20.531	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	87307	20.569	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	45141	20.700	ug/l	97
56) Ethyl methacrylate	10.508	69	62936	20.209	ug/l	95
57) 1,3-Dichloropropane	10.788	76	74971	20.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	144612	99.130	ug/l	93
59) 2-Hexanone	10.831	43	176912	95.794	ug/l	98
60) Dibromochloromethane	10.984	129	60156	20.795	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45201	20.818	ug/l	100
64) Tetrachloroethene	10.715	164	65330	21.935	ug/l	93
65) Chlorobenzene	11.514	112	148617	20.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61138	21.108	ug/l	98
67) Ethyl Benzene	11.593	91	269782	21.070	ug/l	99
68) m/p-Xylenes	11.697	106	209649	41.921	ug/l	99
69) o-Xylene	12.026	106	100995	21.224	ug/l	100
70) Styrene	12.044	104	173098	21.223	ug/l	99
71) Bromoform	12.209	173	44283	20.687	ug/l #	100
73) Isopropylbenzene	12.325	105	269842	20.906	ug/l	100
74) N-amyl acetate	12.142	43	78416	19.183	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	53251	19.304	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	42120m	17.516	ug/l	
77) Bromobenzene	12.605	156	68961	20.548	ug/l	95
78) n-propylbenzene	12.672	91	323715	20.788	ug/l	98
79) 2-Chlorotoluene	12.758	91	185974	20.911	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	237449	21.266	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	20117	19.047	ug/l	92
82) 4-Chlorotoluene	12.855	91	195084	20.591	ug/l	97
83) tert-Butylbenzene	13.075	119	202675	21.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	233591	21.112	ug/l	100
85) sec-Butylbenzene	13.251	105	293690	21.216	ug/l	98
86) p-Isopropyltoluene	13.367	119	253743	21.171	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	136282	21.053	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134836	20.719	ug/l	98
89) n-Butylbenzene	13.696	91	232295	21.213	ug/l	99
90) Hexachloroethane	13.959	117	47440	20.806	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	123585	20.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11734	19.246	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	80599	20.993	ug/l	98
94) Hexachlorobutadiene	15.111	225	49555	21.487	ug/l	98
95) Naphthalene	15.233	128	161097	19.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	69674	19.930	ug/l	97

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

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