

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014450.D
 Acq On : 27 Jun 2023 12:04
 Operator : KP/MD
 Sample : VY0627SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Quant Time: Jun 27 16:42:13 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 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145279	48.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.600%		
35) Dibromofluoromethane	7.716	113	105496	50.028	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.060%		
50) Toluene-d8	10.179	98	417970	49.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.720%		
62) 4-Bromofluorobenzene	12.483	95	150240	50.204	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45594	20.484	ug/l	98
3) Chloromethane	2.113	50	36240	16.637	ug/l	99
4) Vinyl Chloride	2.247	62	41499	17.480	ug/l	96
5) Bromomethane	2.631	94	40329	19.333	ug/l	100
6) Chloroethane	2.784	64	29235	18.590	ug/l	96
7) Trichlorofluoromethane	3.119	101	94246	20.107	ug/l	99
8) Diethyl Ether	3.528	74	26615	18.624	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	41259	18.624	ug/l	94
10) Methyl Iodide	4.082	142	43744	16.957	ug/l	92
11) Tert butyl alcohol	4.954	59	54657	131.707	ug/l	100
12) 1,1-Dichloroethene	3.869	96	40921	18.524	ug/l	93
13) Acrolein	3.723	56	35796	92.737	ug/l	98
14) Allyl chloride	4.479	41	59690	16.918	ug/l	86
15) Acrylonitrile	5.161	53	71276	89.193	ug/l	99
16) Acetone	3.948	43	82167	87.707	ug/l	99
17) Carbon Disulfide	4.192	76	124347	18.189	ug/l	99
18) Methyl Acetate	4.473	43	54038	16.779	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	130904	19.266	ug/l	95
20) Methylene Chloride	4.716	84	49219	14.215	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	45686	18.809	ug/l	91
22) Diisopropyl ether	6.119	45	114935	16.393	ug/l #	95
23) Vinyl Acetate	6.058	43	371495	103.776	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	74820	17.970	ug/l	99
25) 2-Butanone	6.984	43	101136	86.674	ug/l	91
26) 2,2-Dichloropropane	6.978	77	86067	19.550	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	50927	18.625	ug/l	98
28) Bromochloromethane	7.332	49	31738	17.479	ug/l #	70
29) Tetrahydrofuran	7.350	42	58887	84.635	ug/l #	83
30) Chloroform	7.509	83	88858	18.920	ug/l	99
31) Cyclohexane	7.789	56	62233	16.923	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	88915	19.889	ug/l	98
36) 1,1-Dichloropropene	7.917	75	61965	19.069	ug/l	98
37) Ethyl Acetate	7.076	43	41171	18.384	ug/l #	97
38) Carbon Tetrachloride	7.899	117	83710	20.471	ug/l	98
39) Methylcyclohexane	9.185	83	70716	18.915	ug/l	94
40) Benzene	8.161	78	177740	19.312	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	24207m	21.811	ug/l	
42) 1,2-Dichloroethane	8.234	62	72372	20.740	ug/l	99
43) Isopropyl Acetate	8.271	43	72354	18.297	ug/l #	90
44) Trichloroethene	8.941	130	52299	19.792	ug/l	90
45) 1,2-Dichloropropane	9.216	63	39211	18.069	ug/l	94
46) Dibromomethane	9.307	93	28702	19.354	ug/l	91
47) Bromodichloromethane	9.496	83	67740	19.598	ug/l	99
48) Methyl methacrylate	9.295	41	32853	17.888	ug/l	87
49) 1,4-Dioxane	9.301	88	9571	412.758	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	204745	91.739	ug/l	96
52) Toluene	10.246	92	117940	19.916	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	73828	19.701	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	73688	19.064	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	37576	18.922	ug/l	93
56) Ethyl methacrylate	10.508	69	54950	19.376	ug/l	95
57) 1,3-Dichloropropane	10.795	76	63195	18.920	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	128845	96.989	ug/l #	88
59) 2-Hexanone	10.831	43	155121	92.238	ug/l	96
60) Dibromochloromethane	10.984	129	53887	20.456	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39498	19.977	ug/l	99
64) Tetrachloroethene	10.721	164	56525	20.563	ug/l	95
65) Chlorobenzene	11.514	112	130334	19.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	52131	19.501	ug/l	97
67) Ethyl Benzene	11.593	91	228592	19.344	ug/l	97
68) m/p-Xylenes	11.703	106	185881	40.273	ug/l	97
69) o-Xylene	12.032	106	87799	19.991	ug/l	97
70) Styrene	12.044	104	150507	19.995	ug/l	99
71) Bromoform	12.209	173	40861	20.682	ug/l #	95
73) Isopropylbenzene	12.331	105	231225	18.874	ug/l	98
74) N-amyl acetate	12.142	43	66047	17.023	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	46626	17.809	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35162m	15.407	ug/l	
77) Bromobenzene	12.611	156	61056	19.168	ug/l	91
78) n-propylbenzene	12.672	91	274554	18.576	ug/l	96
79) 2-Chlorotoluene	12.758	91	157112	18.613	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	203770	19.228	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18247	18.202	ug/l	91
82) 4-Chlorotoluene	12.855	91	169140	18.810	ug/l	98
83) tert-Butylbenzene	13.075	119	172968	19.038	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	205601	19.579	ug/l	100
85) sec-Butylbenzene	13.251	105	252097	19.188	ug/l	98
86) p-Isopropyltoluene	13.373	119	221962	19.513	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	122200	19.890	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	121659	19.697	ug/l	99
89) n-Butylbenzene	13.697	91	195873	18.846	ug/l	98
90) Hexachloroethane	13.959	117	40397	18.667	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	111198	19.825	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11127	19.229	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	72908	20.008	ug/l	99
94) Hexachlorobutadiene	15.111	225	43736	19.981	ug/l	98
95) Naphthalene	15.239	128	155983	19.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	67324	20.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

