

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003132.D
 Acq On : 07 Jul 2020 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:51 PM

Quant Time: Jul 08 04:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	574930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	536563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	287118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	187918	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.72	113	187421	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.18	98	674433	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	237790	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	136794	45.112	ug/l	100
3) Chloromethane	2.12	50	202798	45.671	ug/l	99
4) Vinyl Chloride	2.26	62	207625	47.935	ug/l	97
5) Bromomethane	2.65	94	137058	46.605	ug/l	98
6) Chloroethane	2.80	64	139168	50.508	ug/l	99
7) Trichlorofluoromethane	3.13	101	307969	50.376	ug/l	99
8) Diethyl Ether	3.54	74	106724	50.923	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	184929	50.662	ug/l	98
10) Methyl Iodide	4.10	142	226765	50.099	ug/l	99
11) Tert butyl alcohol	4.97	59	77223	190.546	ug/l	97
12) 1,1-Dichloroethene	3.88	96	173555	49.971	ug/l	92
13) Acrolein	3.74	56	80019	219.836	ug/l	98
14) Allyl chloride	4.49	41	254251	41.929	ug/l	94
15) Acrylonitrile	5.18	53	251509	232.852	ug/l	100
16) Acetone	3.96	43	168528	179.687	ug/l	100
17) Carbon Disulfide	4.20	76	506753	45.667	ug/l	99
18) Methyl Acetate	4.48	43	114689	45.388	ug/l	92
19) Methyl tert-butyl Ether	5.23	73	520042	51.368	ug/l	97
20) Methylene Chloride	4.72	84	213259	51.109	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	198979	50.649	ug/l	92
22) Diisopropyl ether	6.13	45	601804	46.304	ug/l	96
23) Vinyl Acetate	6.07	43	2027428	233.325	ug/l	96
24) 1,1-Dichloroethane	6.03	63	342453	48.235	ug/l	99
25) 2-Butanone	7.00	43	313728	210.576	ug/l	98
26) 2,2-Dichloropropane	6.99	77	303079	46.986	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	226811	51.473	ug/l	93
28) Bromochloromethane	7.34	49	151205	47.866	ug/l	85
29) Tetrahydrofuran	7.36	42	220939	223.000	ug/l	92
30) Chloroform	7.52	83	357164	50.781	ug/l	96
31) Cyclohexane	7.79	56	295204	42.207	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	317809	49.502	ug/l	99
36) 1,1-Dichloropropene	7.93	75	269890	48.735	ug/l	97
37) Ethyl Acetate	7.08	43	161666	48.552	ug/l	97
38) Carbon Tetrachloride	7.91	117	288383	50.050	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	336159	48.958	ug/l	96
40) Benzene	8.16	78	765060	50.461	ug/l	100
41) Methacrylonitrile	7.33	41	90266m	50.749	ug/l	
42) 1,2-Dichloroethane	8.24	62	239666	49.968	ug/l	99
43) Isopropyl Acetate	8.28	43	306171	48.368	ug/l	96
44) Trichloroethene	8.94	130	241859	54.884	ug/l	97
45) 1,2-Dichloropropane	9.22	63	201989	49.520	ug/l	100
46) Dibromomethane	9.31	93	122574	53.804	ug/l	98
47) Bromodichloromethane	9.50	83	290386	52.055	ug/l	99
48) Methyl methacrylate	9.30	41	135388	46.990	ug/l	91
49) 1,4-Dioxane	9.31	88	24496	880.843	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	804053	245.761	ug/l	96
52) Toluene	10.25	92	497797	52.157	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	300520	51.383	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	342512	51.207	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	172938	54.628	ug/l	99
56) Ethyl methacrylate	10.51	69	248886	54.311	ug/l	94
57) 1,3-Dichloropropane	10.79	76	292658	52.660	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	616703	262.396	ug/l	96
59) 2-Hexanone	10.83	43	557954	243.990	ug/l	96
60) Dibromochloromethane	10.99	129	223731	55.224	ug/l	99
61) 1,2-Dibromoethane	11.09	107	175194	56.135	ug/l	99
64) Tetrachloroethene	10.72	164	269102	59.258	ug/l	96
65) Chlorobenzene	11.52	112	556649	52.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	222199	53.792	ug/l	99
67) Ethyl Benzene	11.59	91	987285	51.008	ug/l	99
68) m/p-Xylenes	11.70	106	749068	103.983	ug/l	97
69) o-Xylene	12.03	106	355521	52.373	ug/l	96
70) Styrene	12.04	104	615339	53.060	ug/l	98
71) Bromoform	12.20	173	153299	55.657	ug/l #	98
73) Isopropylbenzene	12.33	105	959414	51.058	ug/l	99
74) N-amyl acetate	12.14	43	290871	47.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	188795	49.787	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	143797m	50.604	ug/l	
77) Bromobenzene	12.61	156	255043	52.936	ug/l	95
78) n-propylbenzene	12.67	91	1147120	50.761	ug/l	99
79) 2-Chlorotoluene	12.75	91	641639	50.867	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	804766	51.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	74064	50.710	ug/l	97
82) 4-Chlorotoluene	12.85	91	669660	50.990	ug/l	98
83) tert-Butylbenzene	13.07	119	716371	51.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	814619	51.270	ug/l	100
85) sec-Butylbenzene	13.25	105	981351	51.423	ug/l	100
86) p-Isopropyltoluene	13.37	119	907623	51.326	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	468655	52.102	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	467596	52.719	ug/l	99
89) n-Butylbenzene	13.69	91	854058	50.478	ug/l	100
90) Hexachloroethane	13.96	117	169008	48.131	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	428825	53.136	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32772	48.820	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	304990	50.859	ug/l	100
94) Hexachlorobutadiene	15.11	225	187600	49.596	ug/l	98
95) Naphthalene	15.23	128	574266	52.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	261190	50.159	ug/l	100

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

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