

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003226.D
 Acq On : 16 Jul 2020 21:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:43:11 PM

Quant Time: Jul 17 06:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	342005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156992	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.72	113	149742	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.18	98	536936	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.48	95	192742	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	115213	47.002	ug/l	96
3) Chloromethane	2.12	50	179319	52.740	ug/l	100
4) Vinyl Chloride	2.26	62	180894	51.854	ug/l	99
5) Bromomethane	2.65	94	135838	52.423	ug/l	98
6) Chloroethane	2.80	64	117330	51.206	ug/l	100
7) Trichlorofluoromethane	3.13	101	254232	51.030	ug/l	97
8) Diethyl Ether	3.54	74	91095	54.567	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	152602	50.717	ug/l	98
10) Methyl Iodide	4.10	142	151326	46.292	ug/l	98
11) Tert butyl alcohol	4.96	59	82645	264.771	ug/l	100
12) 1,1-Dichloroethene	3.88	96	144338	50.717	ug/l	98
13) Acrolein	3.74	56	77390	285.649	ug/l	98
14) Allyl chloride	4.49	41	250467	59.312	ug/l	97
15) Acrylonitrile	5.18	53	231261	288.379	ug/l	98
16) Acetone	3.96	43	181852	282.033	ug/l	94
17) Carbon Disulfide	4.20	76	460074	52.683	ug/l	99
18) Methyl Acetate	4.49	43	109061	60.906	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	441750	55.389	ug/l	98
20) Methylene Chloride	4.72	84	207421	65.657	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	169452	52.643	ug/l	94
22) Diisopropyl ether	6.13	45	573951	61.240	ug/l	98
23) Vinyl Acetate	6.07	43	1872735	299.792	ug/l	97
24) 1,1-Dichloroethane	6.03	63	310940	57.266	ug/l	99
25) 2-Butanone	7.00	43	317927	300.304	ug/l	98
26) 2,2-Dichloropropane	6.99	77	254457	52.037	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	191247	53.962	ug/l	96
28) Bromochloromethane	7.34	49	141602	60.235	ug/l	92
29) Tetrahydrofuran	7.35	42	216037	303.761	ug/l	93
30) Chloroform	7.51	83	311990	55.789	ug/l	95
31) Cyclohexane	7.79	56	276102	52.586	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	275033	54.629	ug/l	98
36) 1,1-Dichloropropene	7.92	75	242338	52.066	ug/l	98
37) Ethyl Acetate	7.08	43	143269	57.157	ug/l	98
38) Carbon Tetrachloride	7.91	117	246056	51.208	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	286609	49.018	ug/l	94
40) Benzene	8.17	78	682108	53.223	ug/l	98
41) Methacrylonitrile	7.33	41	71995m	47.690	ug/l	
42) 1,2-Dichloroethane	8.24	62	211694	53.654	ug/l	100
43) Isopropyl Acetate	8.28	43	278943	57.493	ug/l	97
44) Trichloroethene	8.94	130	195004	49.635	ug/l	100
45) 1,2-Dichloropropane	9.22	63	183293	55.272	ug/l	99
46) Dibromomethane	9.31	93	102465	52.902	ug/l	98
47) Bromodichloromethane	9.50	83	250905	54.467	ug/l	98
48) Methyl methacrylate	9.30	41	124095	57.212	ug/l	95
49) 1,4-Dioxane	9.30	88	26445	1075.782	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	737939	292.621	ug/l	97
52) Toluene	10.25	92	427861	52.232	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	255951	53.627	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	295205	53.682	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	144088	52.498	ug/l	98
56) Ethyl methacrylate	10.51	69	208013	55.746	ug/l	95
57) 1,3-Dichloropropane	10.79	76	249985	53.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	522556	274.593	ug/l	97
59) 2-Hexanone	10.83	43	511727	290.685	ug/l	97
60) Dibromochloromethane	10.99	129	181577	52.599	ug/l	99
61) 1,2-Dibromoethane	11.09	107	136392	50.351	ug/l	100
64) Tetrachloroethene	10.72	164	202016	47.314	ug/l	98
65) Chlorobenzene	11.52	112	468672	50.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	183819	51.304	ug/l	100
67) Ethyl Benzene	11.59	91	860267	52.228	ug/l	100
68) m/p-Xylenes	11.70	106	636981	101.923	ug/l	98
69) o-Xylene	12.03	106	301391	51.621	ug/l	97
70) Styrene	12.05	104	522939	52.358	ug/l	99
71) Bromoform	12.20	173	119030	50.617	ug/l #	100
73) Isopropylbenzene	12.33	105	827675	51.990	ug/l	100
74) N-amyl acetate	12.14	43	260254	58.262	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	164048	53.354	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	117774m	53.260	ug/l	
77) Bromobenzene	12.61	156	207298	51.083	ug/l	97
78) n-propylbenzene	12.67	91	1002233	53.408	ug/l	98
79) 2-Chlorotoluene	12.75	91	553030	52.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	698472	52.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	59237	52.135	ug/l	99
82) 4-Chlorotoluene	12.85	91	571855	52.329	ug/l	99
83) tert-Butylbenzene	13.08	119	618979	52.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	706178	52.896	ug/l	99
85) sec-Butylbenzene	13.25	105	847837	52.688	ug/l	100
86) p-Isopropyltoluene	13.37	119	784298	52.200	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392089	51.094	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	389238	51.232	ug/l	100
89) n-Butylbenzene	13.69	91	743624	52.618	ug/l	99
90) Hexachloroethane	13.96	117	148395	54.235	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	348077	51.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24516	49.182	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	227862	47.561	ug/l	98
94) Hexachlorobutadiene	15.11	225	167490	51.021	ug/l	98
95) Naphthalene	15.23	128	379667	47.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	174235	46.007	ug/l	98

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

