

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003502.D
 Acq On : 03 Nov 2020 18:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:57:49 AM

Quant Time: Nov 04 01:16:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	314322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	295136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	117613	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.72	113	102172	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	10.18	98	410265	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.48	95	141202	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	76912	44.757	ug/l	95
3) Chloromethane	2.12	50	104104	46.017	ug/l	98
4) Vinyl Chloride	2.26	62	114890	45.242	ug/l	99
5) Bromomethane	2.65	94	88057	41.503	ug/l	100
6) Chloroethane	2.80	64	73179	48.349	ug/l	99
7) Trichlorofluoromethane	3.13	101	155267	48.169	ug/l	98
8) Diethyl Ether	3.54	74	52869	53.486	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	88282	49.554	ug/l	99
10) Methyl Iodide	4.10	142	87589	48.094	ug/l	98
11) Tert butyl alcohol	4.97	59	51480	231.136	ug/l	100
12) 1,1-Dichloroethene	3.88	96	85741	48.372	ug/l	96
13) Acrolein	3.74	56	40719	220.358	ug/l	99
14) Allyl chloride	4.49	41	159683	49.378	ug/l	100
15) Acrylonitrile	5.18	53	127145	240.973	ug/l	99
16) Acetone	3.96	43	147638	200.998	ug/l	96
17) Carbon Disulfide	4.20	76	273079	47.555	ug/l	99
18) Methyl Acetate	4.49	43	69930	50.379	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	235013	53.530	ug/l	98
20) Methylene Chloride	4.72	84	101611	49.121	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	101092	49.254	ug/l	99
22) Diisopropyl ether	6.13	45	308125	54.323	ug/l	97
23) Vinyl Acetate	6.07	43	1104588	259.149	ug/l	99
24) 1,1-Dichloroethane	6.03	63	183771	50.985	ug/l	98
25) 2-Butanone	7.00	43	207282	225.631	ug/l	99
26) 2,2-Dichloropropane	6.99	77	162586	48.418	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	114012	51.264	ug/l	100
28) Bromochloromethane	7.35	49	100264	55.295	ug/l	97
29) Tetrahydrofuran	7.36	42	117330	244.417	ug/l	99
30) Chloroform	7.52	83	185269	52.333	ug/l	98
31) Cyclohexane	7.79	56	157226	47.111	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	165311	50.053	ug/l	100
36) 1,1-Dichloropropene	7.92	75	145922	49.239	ug/l	99
37) Ethyl Acetate	7.08	43	86276	46.883	ug/l	99
38) Carbon Tetrachloride	7.91	117	150917	49.088	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	163789	49.635	ug/l	99
40) Benzene	8.17	78	411131	49.850	ug/l	100
41) Methacrylonitrile	7.33	41	49809m	50.686	ug/l	
42) 1,2-Dichloroethane	8.25	62	131937	51.056	ug/l	99
43) Isopropyl Acetate	8.28	43	165680	50.096	ug/l	99
44) Trichloroethene	8.94	130	114298	49.367	ug/l	96
45) 1,2-Dichloropropane	9.22	63	107453	51.592	ug/l	99
46) Dibromomethane	9.31	93	58942	51.440	ug/l	98
47) Bromodichloromethane	9.50	83	148032	52.783	ug/l	98
48) Methyl methacrylate	9.30	41	77415	49.691	ug/l	97
49) 1,4-Dioxane	9.30	88	14377	1005.577	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	434812	246.759	ug/l	99
52) Toluene	10.24	92	262307	50.851	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	154879	51.893	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	175708	52.317	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	83487	51.327	ug/l	97
56) Ethyl methacrylate	10.51	69	117083	53.740	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148021	52.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	286287	259.208	ug/l	99
59) 2-Hexanone	10.83	43	309943	237.565	ug/l	100
60) Dibromochloromethane	10.99	129	107113	53.579	ug/l	99
61) 1,2-Dibromoethane	11.09	107	79589	50.683	ug/l	99
64) Tetrachloroethene	10.72	164	107474	48.761	ug/l	96
65) Chlorobenzene	11.52	112	284011	49.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	111490	51.559	ug/l	100
67) Ethyl Benzene	11.59	91	519053	49.924	ug/l	99
68) m/p-Xylenes	11.70	106	392018	99.498	ug/l	100
69) o-Xylene	12.03	106	184252	50.838	ug/l	98
70) Styrene	12.04	104	318653	51.782	ug/l	100
71) Bromoform	12.20	173	72247	50.126	ug/l #	99
73) Isopropylbenzene	12.33	105	505314	47.934	ug/l	100
74) N-amyl acetate	12.14	43	147213	49.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	105096	46.673	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72534m	42.479	ug/l	
77) Bromobenzene	12.61	156	130676	48.788	ug/l	99
78) n-propylbenzene	12.67	91	598171	48.173	ug/l	100
79) 2-Chlorotoluene	12.75	91	338071	48.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	433356	49.615	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	36775	44.951	ug/l	100
82) 4-Chlorotoluene	12.85	91	349135	48.158	ug/l	99
83) tert-Butylbenzene	13.07	119	371649	47.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	433923	49.707	ug/l	99
85) sec-Butylbenzene	13.25	105	518228	49.406	ug/l	100
86) p-Isopropyltoluene	13.37	119	482276	49.578	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	247741	49.652	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	244436	49.266	ug/l	99
89) n-Butylbenzene	13.69	91	441605	49.702	ug/l	100
90) Hexachloroethane	13.96	117	82073	50.132	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	222133	50.115	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18697	45.869	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	162490	51.827	ug/l	99
94) Hexachlorobutadiene	15.11	225	101292	50.222	ug/l	98
95) Naphthalene	15.23	128	309681	49.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	147354	52.248	ug/l	99

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

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