

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003481.D
 Acq On : 03 Nov 2020 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:57:36 AM

Quant Time: Nov 04 00:32:52 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	270015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	385302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	133762	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	7.73	113	117141	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.18	98	480611	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.49	95	162717	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	98399	46.058	ug/l	99
3) Chloromethane	2.12	50	132973	47.280	ug/l	100
4) Vinyl Chloride	2.26	62	146358	46.359	ug/l	100
5) Bromomethane	2.66	94	110765	41.993	ug/l	97
6) Chloroethane	2.80	64	90606	48.152	ug/l	100
7) Trichlorofluoromethane	3.14	101	189234	47.222	ug/l	97
8) Diethyl Ether	3.54	74	62018	50.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	109923	49.630	ug/l	99
10) Methyl Iodide	4.11	142	116094	50.970	ug/l	100
11) Tert butyl alcohol	4.98	59	58658	209.929	ug/l	100
12) 1,1-Dichloroethene	3.89	96	108597	49.281	ug/l	99
13) Acrolein	3.74	56	50777	221.032	ug/l	100
14) Allyl chloride	4.49	41	192845	47.967	ug/l	99
15) Acrylonitrile	5.18	53	152653	232.719	ug/l	99
16) Acetone	3.96	43	244399	267.639	ug/l	99
17) Carbon Disulfide	4.21	76	345432	48.387	ug/l	98
18) Methyl Acetate	4.49	43	81227	47.070	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	278097	50.952	ug/l	99
20) Methylene Chloride	4.74	84	120758	46.956	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	125778	49.293	ug/l	97
22) Diisopropyl ether	6.13	45	357993	50.767	ug/l	97
23) Vinyl Acetate	6.07	43	1320300	249.159	ug/l	99
24) 1,1-Dichloroethane	6.04	63	223822	49.949	ug/l	100
25) 2-Butanone	7.00	43	283153	247.921	ug/l	99
26) 2,2-Dichloropropane	7.00	77	205558	49.240	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	137420	49.701	ug/l	100
28) Bromochloromethane	7.35	49	115480	51.227	ug/l	100
29) Tetrahydrofuran	7.36	42	138537	232.137	ug/l	99
30) Chloroform	7.52	83	220183	50.028	ug/l	99
31) Cyclohexane	7.80	56	193098	46.540	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	200914	48.932	ug/l	100
36) 1,1-Dichloropropene	7.92	75	178771	49.211	ug/l	99
37) Ethyl Acetate	7.08	43	106193	47.075	ug/l	99
38) Carbon Tetrachloride	7.91	117	182943	48.543	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	197791	48.897	ug/l	97
40) Benzene	8.17	78	494756	48.938	ug/l	99
41) Methacrylonitrile	7.34	41	66227m	54.978	ug/l	
42) 1,2-Dichloroethane	8.25	62	152637	48.185	ug/l	99
43) Isopropyl Acetate	8.28	43	194415	47.955	ug/l	99
44) Trichloroethene	8.94	130	141027	49.690	ug/l	99
45) 1,2-Dichloropropane	9.22	63	127893	50.094	ug/l	99
46) Dibromomethane	9.31	93	69581	49.538	ug/l	98
47) Bromodichloromethane	9.50	83	173386	50.434	ug/l	99
48) Methyl methacrylate	9.30	41	91265	47.790	ug/l	96
49) 1,4-Dioxane	9.30	88	16005	913.222	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	520383	240.917	ug/l	100
52) Toluene	10.25	92	317418	50.199	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	184500	50.429	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	208636	50.677	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	99008	49.656	ug/l	99
56) Ethyl methacrylate	10.51	69	136706	51.188	ug/l	98
57) 1,3-Dichloropropane	10.79	76	174718	50.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	336764	248.740	ug/l	100
59) 2-Hexanone	10.83	43	401283	250.914	ug/l	99
60) Dibromochloromethane	10.99	129	125234	51.103	ug/l	99
61) 1,2-Dibromoethane	11.09	107	96392	50.075	ug/l	97
64) Tetrachloroethene	10.72	164	124683	47.730	ug/l	99
65) Chlorobenzene	11.52	112	338742	49.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	128926	50.307	ug/l	100
67) Ethyl Benzene	11.60	91	611333	49.612	ug/l	99
68) m/p-Xylenes	11.70	106	466755	99.957	ug/l	99
69) o-Xylene	12.03	106	216271	50.349	ug/l	99
70) Styrene	12.05	104	370986	50.867	ug/l	99
71) Bromoform	12.21	173	84942	49.726	ug/l	99
73) Isopropylbenzene	12.33	105	594160	48.765	ug/l	100
74) N-amyl acetate	12.14	43	166719	48.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125152	48.089	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	96177m	48.734	ug/l	
77) Bromobenzene	12.61	156	148775	48.059	ug/l	98
78) n-propylbenzene	12.67	91	702009	48.915	ug/l	100
79) 2-Chlorotoluene	12.76	91	390352	48.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	498521	49.383	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43938	46.468	ug/l	99
82) 4-Chlorotoluene	12.86	91	413126	49.304	ug/l	99
83) tert-Butylbenzene	13.08	119	437031	48.812	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	499610	49.518	ug/l	100
85) sec-Butylbenzene	13.25	105	597689	49.302	ug/l	100
86) p-Isopropyltoluene	13.37	119	556707	49.516	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	283791	49.211	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	279928	48.816	ug/l	99
89) n-Butylbenzene	13.70	91	514515	50.103	ug/l	100
90) Hexachloroethane	13.96	117	93255	49.285	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	248796	48.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22076	46.859	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	180818	49.899	ug/l	100
94) Hexachlorobutadiene	15.11	225	111767	47.947	ug/l	99
95) Naphthalene	15.23	128	356562	49.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	162557	49.870	ug/l	99

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

