

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000689.D
 Acq On : 15 Nov 2019 10:19
 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
 11/18/2019 3:24:10 PM

Quant Time: Nov 16 02:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	349724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	319769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	115852	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	7.72	113	105624	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.18	98	428394	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.48	95	153122	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	110229	53.014	ug/l	97
3) Chloromethane	2.11	50	144276	50.370	ug/l	99
4) Vinyl Chloride	2.25	62	138873	52.211	ug/l	98
5) Bromomethane	2.65	94	113837	71.370	ug/l	94
6) Chloroethane	2.79	64	88322	53.056	ug/l	94
7) Trichlorofluoromethane	3.13	101	198238	55.187	ug/l	94
8) Diethyl Ether	3.53	74	66748	52.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116442	53.619	ug/l	97
10) Methyl Iodide	4.09	142	77505	28.579	ug/l	99
11) Tert butyl alcohol	4.97	59	46029	216.321	ug/l	98
12) 1,1-Dichloroethene	3.87	96	113620	53.852	ug/l	92
13) Acrolein	3.74	56	34604	186.701	ug/l	96
14) Allyl chloride	4.48	41	190194	55.438	ug/l	98
15) Acrylonitrile	5.17	53	162124	247.959	ug/l	98
16) Acetone	3.95	43	215709	358.052	ug/l	98
17) Carbon Disulfide	4.19	76	341674	51.344	ug/l	97
18) Methyl Acetate	4.49	43	93468	49.897	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	304999	51.992	ug/l	99
20) Methylene Chloride	4.72	84	127204	49.276	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	128349	53.809	ug/l	97
22) Diisopropyl ether	6.13	45	411050	55.123	ug/l	96
23) Vinyl Acetate	6.07	43	1263451	268.407	ug/l	99
24) 1,1-Dichloroethane	6.02	63	218328	54.045	ug/l	99
25) 2-Butanone	7.00	43	274919	285.935	ug/l	96
26) 2,2-Dichloropropane	6.99	77	203912	55.234	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	145272	55.698	ug/l	97
28) Bromochloromethane	7.35	49	96978	52.421	ug/l	96
29) Tetrahydrofuran	7.36	42	149289	253.809	ug/l	99
30) Chloroform	7.52	83	229157	56.075	ug/l	97
31) Cyclohexane	7.78	56	218487	51.638	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	204208	56.068	ug/l	99
36) 1,1-Dichloropropene	7.92	75	182803	55.292	ug/l	99
37) Ethyl Acetate	7.08	43	99232	50.555	ug/l	98
38) Carbon Tetrachloride	7.91	117	178096	55.983	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	226211	52.961	ug/l	96
40) Benzene	8.17	78	522946	53.952	ug/l	98
41) Methacrylonitrile	7.33	41	59192m	54.057	ug/l	
42) 1,2-Dichloroethane	8.25	62	152711	55.549	ug/l	100
43) Isopropyl Acetate	8.28	43	190451	51.651	ug/l	99
44) Trichloroethene	8.94	130	136601	53.451	ug/l	96
45) 1,2-Dichloropropane	9.22	63	133722	56.054	ug/l	96
46) Dibromomethane	9.31	93	69985	53.343	ug/l	97
47) Bromodichloromethane	9.50	83	173887	55.857	ug/l	98
48) Methyl methacrylate	9.30	41	85354	52.981	ug/l	96
49) 1,4-Dioxane	9.30	88	18001	1019.469	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	499299	254.691	ug/l	98
52) Toluene	10.25	92	340847	55.620	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	185427	55.746	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	212475	55.759	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	100503	52.963	ug/l	95
56) Ethyl methacrylate	10.51	69	144841	53.853	ug/l	100
57) 1,3-Dichloropropane	10.79	76	180264	54.276	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	234232	192.638	ug/l	99
59) 2-Hexanone	10.83	43	389032	272.366	ug/l	99
60) Dibromochloromethane	10.99	129	120564	55.468	ug/l	99
61) 1,2-Dibromoethane	11.09	107	95499	52.341	ug/l	95
64) Tetrachloroethene	10.72	164	135748	51.340	ug/l	96
65) Chlorobenzene	11.52	112	351583	54.229	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	124819	55.512	ug/l	99
67) Ethyl Benzene	11.59	91	664673	55.705	ug/l	99
68) m/p-Xylenes	11.70	106	502978	108.913	ug/l	97
69) o-Xylene	12.03	106	238140	54.867	ug/l	96
70) Styrene	12.05	104	412995	55.569	ug/l	100
71) Bromoform	12.21	173	69803	53.974	ug/l #	100
73) Isopropylbenzene	12.33	105	648537	55.901	ug/l	99
74) N-amyl acetate	12.14	43	170793	51.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125749	54.742	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	90877m	50.844	ug/l	
77) Bromobenzene	12.61	156	142994	54.352	ug/l	99
78) n-propylbenzene	12.67	91	801036	57.224	ug/l	99
79) 2-Chlorotoluene	12.75	91	434089	55.858	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	544310	56.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43853	55.011	ug/l	98
82) 4-Chlorotoluene	12.86	91	459269	57.013	ug/l	99
83) tert-Butylbenzene	13.08	119	471290	57.125	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	554079	57.594	ug/l	99
85) sec-Butylbenzene	13.25	105	680962	57.934	ug/l	100
86) p-Isopropyltoluene	13.37	119	597147	57.002	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	284713	55.251	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	282524	54.866	ug/l	100
89) n-Butylbenzene	13.70	91	601692	58.234	ug/l	99
90) Hexachloroethane	13.96	117	111389	57.516	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	261859	56.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20527	50.492	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	172840	54.292	ug/l	98
94) Hexachlorobutadiene	15.11	225	90076	54.890	ug/l	98
95) Naphthalene	15.23	128	369937	52.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	152795	53.498	ug/l	99

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

