

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000145.D
 Acq On : 26 Sep 2019 11:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:12:56 AM

Quant Time: Sep 26 14:16:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	199839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	334297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	91240	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.72	113	90305	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.18	98	394404	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.48	95	132404	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	72778	45.814	ug/l	100
3) Chloromethane	2.11	50	110114	47.503	ug/l	100
4) Vinyl Chloride	2.24	62	125040	50.208	ug/l	100
5) Bromomethane	2.63	94	81447	48.500	ug/l	100
6) Chloroethane	2.79	64	76970	49.784	ug/l	100
7) Trichlorofluoromethane	3.12	101	152298	50.734	ug/l	100
8) Diethyl Ether	3.53	74	61696	51.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	101379	51.737	ug/l	100
10) Methyl Iodide	4.08	142	167991	55.603	ug/l	100
11) Tert butyl alcohol	4.97	59	42723	244.346	ug/l	100
12) 1,1-Dichloroethene	3.87	96	104941	51.068	ug/l	100
13) Acrolein	3.73	56	55050	253.525	ug/l	100
14) Allyl chloride	4.47	41	133700	51.994	ug/l	100
15) Acrylonitrile	5.17	53	137870	253.297	ug/l	100
16) Acetone	3.94	43	108338	252.640	ug/l	100
17) Carbon Disulfide	4.19	76	325450	51.058	ug/l	100
18) Methyl Acetate	4.47	43	60722	47.845	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	256651	52.757	ug/l	100
20) Methylene Chloride	4.71	84	114237	46.126	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	117404	51.279	ug/l	100
22) Diisopropyl ether	6.12	45	276250	51.119	ug/l	100
23) Vinyl Acetate	6.07	43	874794	258.297	ug/l	100
24) 1,1-Dichloroethane	6.02	63	169178	51.714	ug/l	100
25) 2-Butanone	6.99	43	172731	257.085	ug/l	100
26) 2,2-Dichloropropane	6.98	77	148843	50.038	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	132279	51.987	ug/l	100
28) Bromochloromethane	7.34	49	67320	54.013	ug/l	100
29) Tetrahydrofuran	7.35	42	105032	253.581	ug/l	100
30) Chloroform	7.51	83	174121	50.855	ug/l	100
31) Cyclohexane	7.78	56	162562	48.065	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	156756	52.213	ug/l	100
36) 1,1-Dichloropropene	7.92	75	141240	50.841	ug/l	100
37) Ethyl Acetate	7.08	43	71457	48.692	ug/l	100
38) Carbon Tetrachloride	7.90	117	140401	51.769	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	201916	51.243	ug/l	100
40) Benzene	8.16	78	446760	50.909	ug/l	100
41) Methacrylonitrile	7.32	41	37652m	47.318	ug/l	
42) 1,2-Dichloroethane	8.24	62	108009	50.585	ug/l	100
43) Isopropyl Acetate	8.28	43	139495	51.457	ug/l	100
44) Trichloroethene	8.94	130	146864	52.370	ug/l	100
45) 1,2-Dichloropropane	9.22	63	98564	50.914	ug/l	100
46) Dibromomethane	9.30	93	60091	50.862	ug/l	100
47) Bromodichloromethane	9.50	83	137237	51.534	ug/l	100
48) Methyl methacrylate	9.30	41	60125	49.530	ug/l	100
49) 1,4-Dioxane	9.30	88	18683	1023.566	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	360055	255.891	ug/l	100
52) Toluene	10.24	92	289269	50.898	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145588	52.045	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	172596	52.064	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	88354	50.295	ug/l	100
56) Ethyl methacrylate	10.51	69	121312	53.088	ug/l	100
57) 1,3-Dichloropropane	10.79	76	144735	51.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	262146	244.244	ug/l	100
59) 2-Hexanone	10.83	43	268240	268.229	ug/l	100
60) Dibromochloromethane	10.99	129	103425	52.081	ug/l	100
61) 1,2-Dibromoethane	11.09	107	85701	51.123	ug/l	100
64) Tetrachloroethene	10.72	164	152374	51.843	ug/l	100
65) Chlorobenzene	11.52	112	312517	50.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	108801	52.147	ug/l	100
67) Ethyl Benzene	11.59	91	535206	50.709	ug/l	100
68) m/p-Xylenes	11.70	106	435371	102.038	ug/l	100
69) o-Xylene	12.03	106	206281	50.691	ug/l	100
70) Styrene	12.04	104	357702	51.941	ug/l	100
71) Bromoform	12.20	173	66184	53.981	ug/l #	100
73) Isopropylbenzene	12.33	105	529276	50.359	ug/l	100
74) N-amyl acetate	12.14	43	132418	52.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	75761	46.310	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	78711m	54.857	ug/l	
77) Bromobenzene	12.61	156	131700	50.724	ug/l	100
78) n-propylbenzene	12.67	91	620590	49.533	ug/l	100
79) 2-Chlorotoluene	12.75	91	346199	50.785	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	439372	50.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	37706	51.254	ug/l	100
82) 4-Chlorotoluene	12.85	91	355083	49.993	ug/l	100
83) tert-Butylbenzene	13.07	119	389620	51.750	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	444555	50.315	ug/l	100
85) sec-Butylbenzene	13.25	105	542254	50.165	ug/l	100
86) p-Isopropyltoluene	13.36	119	489691	50.872	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	248986	50.049	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	250565	50.598	ug/l	100
89) n-Butylbenzene	13.69	91	466712	51.018	ug/l	100
90) Hexachloroethane	13.95	117	93429	51.375	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	232914	51.242	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16988	52.628	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	163562	51.864	ug/l	100
94) Hexachlorobutadiene	15.11	225	78637	51.106	ug/l	100
95) Naphthalene	15.23	128	356766	50.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	148204	52.399	ug/l	100

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

