

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000344.D
 Acq On : 18 Oct 2019 11:57
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Quant Time: Oct 19 01:09:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	294361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	495246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	210221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	166765	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.73	113	150474	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.19	98	590942	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.49	95	213129	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56439	21.817	ug/l	96
3) Chloromethane	2.12	50	69393	19.292	ug/l	97
4) Vinyl Chloride	2.26	62	73128	20.145	ug/l	98
5) Bromomethane	2.65	94	55778	20.732	ug/l	95
6) Chloroethane	2.79	64	48388	20.659	ug/l	98
7) Trichlorofluoromethane	3.13	101	103268	20.797	ug/l	97
8) Diethyl Ether	3.54	74	38234	21.795	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62719	20.827	ug/l	98
10) Methyl Iodide	4.10	142	75359	18.338	ug/l	99
11) Tert butyl alcohol	4.97	59	32597	100.315	ug/l	96
12) 1,1-Dichloroethene	3.88	96	60724	20.425	ug/l	87
13) Acrolein	3.74	56	32108	84.281	ug/l	99
14) Allyl chloride	4.49	41	104748	21.261	ug/l	97
15) Acrylonitrile	5.18	53	102856	104.756	ug/l	98
16) Acetone	3.96	43	87182	86.701	ug/l	96
17) Carbon Disulfide	4.19	76	186139	19.886	ug/l	100
18) Methyl Acetate	4.48	43	53038	21.229	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	178618	21.582	ug/l	98
20) Methylene Chloride	4.72	84	75509	18.906	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	68566	20.102	ug/l	92
22) Diisopropyl ether	6.13	45	221412	21.248	ug/l	97
23) Vinyl Acetate	6.07	43	721370	106.115	ug/l	99
24) 1,1-Dichloroethane	6.03	63	119645	21.036	ug/l	96
25) 2-Butanone	7.00	43	144557	102.053	ug/l	95
26) 2,2-Dichloropropane	6.99	77	110760	21.133	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	77263	20.934	ug/l	100
28) Bromochloromethane	7.35	49	45822	18.767	ug/l	98
29) Tetrahydrofuran	7.36	42	89698	104.488	ug/l	99
30) Chloroform	7.52	83	121339	21.184	ug/l	99
31) Cyclohexane	7.79	56	120317	20.254	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	106359	20.886	ug/l	100
36) 1,1-Dichloropropene	7.93	75	96790	19.962	ug/l	100
37) Ethyl Acetate	7.10	43	59188	20.615	ug/l	97
38) Carbon Tetrachloride	7.91	117	91347	19.457	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121403	19.130	ug/l	96
40) Benzene	8.17	78	288692	20.603	ug/l	98
41) Methacrylonitrile	7.33	41	29304m	21.443	ug/l	
42) 1,2-Dichloroethane	8.25	62	81619	20.391	ug/l	98
43) Isopropyl Acetate	8.28	43	112839	20.670	ug/l	97
44) Trichloroethene	8.95	130	75927	19.312	ug/l	97
45) 1,2-Dichloropropane	9.22	63	71422	20.770	ug/l	95
46) Dibromomethane	9.32	93	40212	20.919	ug/l	96
47) Bromodichloromethane	9.50	83	93440	20.626	ug/l	99
48) Methyl methacrylate	9.30	41	49803	20.817	ug/l	97
49) 1,4-Dioxane	9.31	88	11204	388.725	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	304043	107.983	ug/l	99
52) Toluene	10.25	92	178603	20.076	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	100611	20.723	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114840	20.828	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	58608	20.969	ug/l	98
56) Ethyl methacrylate	10.52	69	84011	21.088	ug/l	99
57) 1,3-Dichloropropane	10.80	76	100613	20.961	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	200366	126.094	ug/l	98
59) 2-Hexanone	10.84	43	221721	112.188	ug/l	99
60) Dibromochloromethane	10.99	129	63351	20.450	ug/l	98
61) 1,2-Dibromoethane	11.10	107	55200	20.569	ug/l	100
64) Tetrachloroethene	10.72	164	82976	20.114	ug/l	96
65) Chlorobenzene	11.52	112	186370	20.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	66382	20.664	ug/l	98
67) Ethyl Benzene	11.60	91	350127	20.653	ug/l	100
68) m/p-Xylenes	11.70	106	260237	40.156	ug/l	97
69) o-Xylene	12.03	106	126145	20.404	ug/l	99
70) Styrene	12.05	104	211420	20.277	ug/l	99
71) Bromoform	12.21	173	39185	21.219	ug/l #	98
73) Isopropylbenzene	12.33	105	336695	20.541	ug/l	99
74) N-amyl acetate	12.14	43	94724	23.539	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	66435	21.586	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	55414m	21.437	ug/l	
77) Bromobenzene	12.61	156	76753	21.043	ug/l	99
78) n-propylbenzene	12.67	91	403202	20.487	ug/l	100
79) 2-Chlorotoluene	12.76	91	226211	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	281113	20.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24047	20.354	ug/l	98
82) 4-Chlorotoluene	12.86	91	233652	20.337	ug/l	98
83) tert-Butylbenzene	13.08	119	238602	20.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	281695	20.765	ug/l	100
85) sec-Butylbenzene	13.25	105	347387	20.631	ug/l	100
86) p-Isopropyltoluene	13.37	119	305506	20.811	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	147215	20.485	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148905	20.730	ug/l	98
89) n-Butylbenzene	13.70	91	303853	20.946	ug/l	100
90) Hexachloroethane	13.96	117	56524	20.794	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	136736	21.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12073	20.684	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	93612	20.673	ug/l	98
94) Hexachlorobutadiene	15.11	225	48732	19.886	ug/l	98
95) Naphthalene	15.23	128	215713	21.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	86557	21.210	ug/l	100

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

