

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000337.D
 Acq On : 17 Oct 2019 11:39
 Operator : SY/MD
 Sample : VY1017SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBSD01

Quant Time: Oct 17 18:09:31 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	292765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	488438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	434082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215596	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	174787	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
35) Dibromofluoromethane	7.73	113	158885	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.19	98	632651	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
62) 4-Bromofluorobenzene	12.49	95	229980	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58094	22.746	ug/l	99
3) Chloromethane	2.12	50	81091	22.667	ug/l	96
4) Vinyl Chloride	2.25	62	76444	21.173	ug/l	96
5) Bromomethane	2.63	94	56113	20.971	ug/l	92
6) Chloroethane	2.79	64	49763	21.361	ug/l	100
7) Trichlorofluoromethane	3.13	101	107677	21.803	ug/l	95
8) Diethyl Ether	3.54	74	39334	22.545	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64257	21.454	ug/l	97
10) Methyl Iodide	4.10	142	81414	19.817	ug/l	99
11) Tert butyl alcohol	4.97	59	19805m	61.281	ug/l	
12) 1,1-Dichloroethene	3.87	96	64897	21.948	ug/l	92
13) Acrolein	3.74	56	35751	94.355	ug/l	96
14) Allyl chloride	4.49	41	107245	21.887	ug/l	98
15) Acrylonitrile	5.18	53	109831	112.469	ug/l	98
16) Acetone	3.96	43	93842	93.833	ug/l	96
17) Carbon Disulfide	4.19	76	194502	20.892	ug/l	98
18) Methyl Acetate	4.49	43	55663	22.401	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	184510	22.416	ug/l	94
20) Methylene Chloride	4.72	84	73253	18.292	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	73194	21.576	ug/l	94
22) Diisopropyl ether	6.13	45	231458	22.334	ug/l	96
23) Vinyl Acetate	6.07	43	752956	111.365	ug/l	98
24) 1,1-Dichloroethane	6.03	63	124068	21.932	ug/l	100
25) 2-Butanone	7.00	43	156612	111.166	ug/l	98
26) 2,2-Dichloropropane	7.00	77	113739	21.820	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	77967	21.240	ug/l	96
28) Bromochloromethane	7.35	49	46996	19.352	ug/l	100
29) Tetrahydrofuran	7.36	42	94107	110.222	ug/l	97
30) Chloroform	7.52	83	124838	21.913	ug/l	96
31) Cyclohexane	7.79	56	127682	21.611	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	110799	21.876	ug/l	98
36) 1,1-Dichloropropene	7.93	75	98247	20.545	ug/l	98
37) Ethyl Acetate	7.09	43	62332	22.013	ug/l	99
38) Carbon Tetrachloride	7.91	117	93494	20.192	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	129177	20.639	ug/l	96
40) Benzene	8.17	78	290127	20.994	ug/l	97
41) Methacrylonitrile	7.33	41	29063m	21.563	ug/l	
42) 1,2-Dichloroethane	8.25	62	86018	21.790	ug/l	99
43) Isopropyl Acetate	8.28	43	116739	21.682	ug/l	98
44) Trichloroethene	8.95	130	80798	20.837	ug/l	90
45) 1,2-Dichloropropane	9.22	63	74803	22.056	ug/l	96
46) Dibromomethane	9.32	93	40919	21.583	ug/l	100
47) Bromodichloromethane	9.50	83	97192	21.753	ug/l	99
48) Methyl methacrylate	9.30	41	51987	22.032	ug/l	99
49) 1,4-Dioxane	9.30	88	12882	453.174	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	314306	113.184	ug/l	100
52) Toluene	10.25	92	185411	21.132	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	104373	21.797	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	119422	21.961	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	59189	21.472	ug/l	98
56) Ethyl methacrylate	10.52	69	87498	22.270	ug/l	97
57) 1,3-Dichloropropane	10.80	76	104271	22.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	197171	125.813	ug/l	98
59) 2-Hexanone	10.84	43	233348	119.716	ug/l	99
60) Dibromochloromethane	10.99	129	67121	21.969	ug/l	93
61) 1,2-Dibromoethane	11.09	107	55934	21.133	ug/l	95
64) Tetrachloroethene	10.72	164	87587	21.195	ug/l	96
65) Chlorobenzene	11.52	112	195011	21.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	68263	21.212	ug/l	99
67) Ethyl Benzene	11.60	91	363101	21.381	ug/l	100
68) m/p-Xylenes	11.71	106	273869	42.185	ug/l	99
69) o-Xylene	12.03	106	131031	21.157	ug/l	99
70) Styrene	12.05	104	217593	20.832	ug/l	99
71) Bromoform	12.21	173	40204	21.732	ug/l #	97
73) Isopropylbenzene	12.33	105	346502	20.612	ug/l	99
74) N-amyl acetate	12.14	43	103253	25.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	67843	21.494	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	58416m	22.035	ug/l	
77) Bromobenzene	12.61	156	78939	21.102	ug/l	97
78) n-propylbenzene	12.67	91	423630	20.989	ug/l	98
79) 2-Chlorotoluene	12.76	91	233339	20.933	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	295690	20.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25464	21.016	ug/l	100
82) 4-Chlorotoluene	12.86	91	251181	21.318	ug/l	98
83) tert-Butylbenzene	13.08	119	246459	20.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	296236	21.293	ug/l	99
85) sec-Butylbenzene	13.25	105	359653	20.827	ug/l	99
86) p-Isopropyltoluene	13.37	119	315573	20.961	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	147498	20.012	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	153717	20.866	ug/l	98
89) n-Butylbenzene	13.70	91	310611	20.878	ug/l	99
90) Hexachloroethane	13.96	117	59242	21.250	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	144377	21.645	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13800	23.053	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98320	21.172	ug/l	99
94) Hexachlorobutadiene	15.11	225	52556	20.912	ug/l	99
95) Naphthalene	15.23	128	230100	22.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89652	21.420	ug/l	97

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

