

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000010.D
 Acq On : 11 Sep 2019 19:58
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

Quant Time: Sep 19 11:42:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:25:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	148076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	275139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	237435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	73121	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.72	113	71672	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.18	98	301511	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.48	95	102846	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	20960	18.851	ug/l	95
3) Chloromethane	2.11	50	29286	15.260	ug/l	94
4) Vinyl Chloride	2.25	62	32118	18.714	ug/l	95
5) Bromomethane	2.62	94	21082	21.053	ug/l	92
6) Chloroethane	2.78	64	21058	18.609	ug/l	92
7) Trichlorofluoromethane	3.12	101	40221	19.028	ug/l	93
8) Diethyl Ether	3.53	74	15488	18.682	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	28900	20.424	ug/l	98
10) Methyl Iodide	4.08	142	28611	17.376	ug/l	99
11) Tert butyl alcohol	4.97	59	17580	97.377	ug/l #	92
12) 1,1-Dichloroethene	3.87	96	25991	18.978	ug/l #	95
13) Acrolein	3.73	56	18061	135.071	ug/l	99
14) Allyl chloride	4.48	41	39863	19.133	ug/l	99
15) Acrylonitrile	5.17	53	52723	96.932	ug/l	99
16) Acetone	3.96	43	37266	88.977	ug/l	96
17) Carbon Disulfide	4.18	76	51101	17.873	ug/l	96
18) Methyl Acetate	4.48	43	26039	20.533	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	76543	19.840	ug/l	94
20) Methylene Chloride	4.71	84	32467	18.635	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	28141	19.069	ug/l	94
22) Diisopropyl ether	6.12	45	87998	19.427	ug/l #	98
23) Vinyl Acetate	6.06	43	294275	95.833	ug/l	99
24) 1,1-Dichloroethane	6.02	63	52126	19.212	ug/l	99
25) 2-Butanone	6.99	43	61631	93.194	ug/l	96
26) 2,2-Dichloropropane	6.98	77	41736	17.990	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	36863	19.910	ug/l	95
28) Bromochloromethane	7.34	49	23249	18.598	ug/l	98
29) Tetrahydrofuran	7.36	42	39704	96.103	ug/l	99
30) Chloroform	7.51	83	52551	19.136	ug/l	97
31) Cyclohexane	7.78	56	43837	18.860	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	44003	19.412	ug/l	99
36) 1,1-Dichloropropene	7.92	75	36732	18.469	ug/l	98
37) Ethyl Acetate	7.08	43	27711	20.373	ug/l	98
38) Carbon Tetrachloride	7.90	117	35888	18.796	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	47814	19.501	ug/l	92
40) Benzene	8.16	78	121336	18.972	ug/l	97
41) Methacrylonitrile	7.31	41	13109	16.079	ug/l	98
42) 1,2-Dichloroethane	8.24	62	32277	19.357	ug/l	98
43) Isopropyl Acetate	8.28	43	46885	18.752	ug/l	99
44) Trichloroethene	8.94	130	30489	18.529	ug/l	95
45) 1,2-Dichloropropane	9.21	63	30701	18.701	ug/l	99
46) Dibromomethane	9.31	93	16741	18.846	ug/l	96
47) Bromodichloromethane	9.50	83	42331	19.895	ug/l	96
48) Methyl methacrylate	9.29	41	20878	18.903	ug/l	92
49) 1,4-Dioxane	9.30	88	6688	383.020	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	137801	100.122	ug/l	99
52) Toluene	10.24	92	75539	18.761	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	41706	18.659	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	51310	19.664	ug/l	91
55) 1,1,2-Trichloroethane	10.65	97	27560	20.017	ug/l	97
56) Ethyl methacrylate	10.51	69	38901	19.626	ug/l	99
57) 1,3-Dichloropropane	10.79	76	45127	19.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	100045	97.835	ug/l	99
59) 2-Hexanone	10.83	43	94078	96.002	ug/l	99
60) Dibromochloromethane	10.98	129	28295	19.283	ug/l	99
61) 1,2-Dibromoethane	11.09	107	24756	19.546	ug/l	99
64) Tetrachloroethene	10.71	164	27471	18.926	ug/l	93
65) Chlorobenzene	11.51	112	84566	19.268	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	29721	20.015	ug/l	96
67) Ethyl Benzene	11.59	91	151331	18.871	ug/l	100
68) m/p-Xylenes	11.70	106	115535	37.931	ug/l	99
69) o-Xylene	12.02	106	56701	19.356	ug/l	98
70) Styrene	12.04	104	98520	19.316	ug/l	99
71) Bromoform	12.20	173	16539	18.384	ug/l #	96
73) Isopropylbenzene	12.32	105	149271	19.808	ug/l	99
74) N-amyl acetate	12.14	43	40507	19.368	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	35829	20.638	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	28607m	24.323	ug/l	
77) Bromobenzene	12.60	156	30256	18.837	ug/l	94
78) n-propylbenzene	12.66	91	177406	19.452	ug/l	99
79) 2-Chlorotoluene	12.75	91	98159	19.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	122165	19.608	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.37	75	12879	18.955	ug/l	96
82) 4-Chlorotoluene	12.85	91	103108	19.511	ug/l	99
83) tert-Butylbenzene	13.07	119	103538	19.534	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	120317	19.743	ug/l	98
85) sec-Butylbenzene	13.25	105	157231	19.900	ug/l	100
86) p-Isopropyltoluene	13.37	119	130777	19.679	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	62921	20.306	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	63653	20.372	ug/l	99
89) n-Butylbenzene	13.69	91	130279	19.618	ug/l	100
90) Hexachloroethane	13.95	117	27433	20.404	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	56822	19.473	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5851	18.099	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	36285	20.391	ug/l	96
94) Hexachlorobutadiene	15.10	225	16419	19.055	ug/l	91
95) Naphthalene	15.23	128	97745	20.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	33959	21.280	ug/l	99

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

