

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003188.D
 Acq On : 14 Jul 2020 12:10
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 15 04:43:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	466068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	686481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	627731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	331054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	196316	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.72	113	188776	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.18	98	696739	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.48	95	251035	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78603	23.531	ug/l	95
3) Chloromethane	2.12	50	104031	22.452	ug/l	99
4) Vinyl Chloride	2.26	62	104279	21.935	ug/l	99
5) Bromomethane	2.65	94	79415	22.490	ug/l	98
6) Chloroethane	2.79	64	67429	21.595	ug/l	96
7) Trichlorofluoromethane	3.13	101	147392	21.710	ug/l	97
8) Diethyl Ether	3.54	74	48867	21.480	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88197	21.510	ug/l	97
10) Methyl Iodide	4.10	142	82962	18.623	ug/l	99
11) Tert butyl alcohol	4.97	59	45676	107.380	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83793	21.606	ug/l	98
13) Acrolein	3.73	56	35186	95.302	ug/l	95
14) Allyl chloride	4.49	41	129720	22.541	ug/l	98
15) Acrylonitrile	5.17	53	118992	108.884	ug/l	98
16) Acetone	3.96	43	93734	106.675	ug/l	97
17) Carbon Disulfide	4.20	76	256544	21.557	ug/l	98
18) Methyl Acetate	4.49	43	54948	22.518	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	228773	21.049	ug/l	99
20) Methylene Chloride	4.72	84	113250	22.605	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	90718	20.681	ug/l	92
22) Diisopropyl ether	6.13	45	284640	22.286	ug/l	96
23) Vinyl Acetate	6.07	43	927503	108.954	ug/l	99
24) 1,1-Dichloroethane	6.02	63	162298	21.934	ug/l	99
25) 2-Butanone	6.99	43	152632	105.794	ug/l	93
26) 2,2-Dichloropropane	6.99	77	145062	21.769	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	101665	21.050	ug/l	97
28) Bromochloromethane	7.34	49	70726	22.077	ug/l	97
29) Tetrahydrofuran	7.35	42	104785	108.115	ug/l	97
30) Chloroform	7.51	83	162822	21.365	ug/l	95
31) Cyclohexane	7.79	56	156148	21.823	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	147379	21.481	ug/l	98
36) 1,1-Dichloropropene	7.92	75	129203	20.766	ug/l	99
37) Ethyl Acetate	7.08	43	73400	21.906	ug/l	98
38) Carbon Tetrachloride	7.91	117	132314	20.600	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	159543	20.413	ug/l	95
40) Benzene	8.16	78	358669	20.936	ug/l	97
41) Methacrylonitrile	7.33	41	43102m	21.359	ug/l	
42) 1,2-Dichloroethane	8.24	62	108652	20.601	ug/l	99
43) Isopropyl Acetate	8.28	43	135817	20.941	ug/l	99
44) Trichloroethene	8.94	130	103483	19.705	ug/l	95
45) 1,2-Dichloropropane	9.22	63	92072	20.770	ug/l	99
46) Dibromomethane	9.31	93	52980	20.463	ug/l	99
47) Bromodichloromethane	9.50	83	126645	20.567	ug/l	99
48) Methyl methacrylate	9.29	41	59944	20.675	ug/l	97
49) 1,4-Dioxane	9.30	88	12048	366.650	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	359763	106.723	ug/l	98
52) Toluene	10.25	92	226348	20.671	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133591	20.939	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	151012	20.543	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74533	20.315	ug/l	97
56) Ethyl methacrylate	10.51	69	101647	20.379	ug/l	97
57) 1,3-Dichloropropane	10.79	76	129396	20.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	270945	106.511	ug/l	98
59) 2-Hexanone	10.83	43	245895	104.494	ug/l	99
60) Dibromochloromethane	10.99	129	93036	20.162	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71607	19.776	ug/l	99
64) Tetrachloroethene	10.72	164	109718	19.603	ug/l	99
65) Chlorobenzene	11.52	112	243671	20.150	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	94975	20.221	ug/l	98
67) Ethyl Benzene	11.60	91	446230	20.667	ug/l	99
68) m/p-Xylenes	11.71	106	331008	40.404	ug/l	98
69) o-Xylene	12.03	106	157502	20.579	ug/l	99
70) Styrene	12.05	104	266158	20.329	ug/l	99
71) Bromoform	12.21	173	61205	19.855	ug/l #	100
73) Isopropylbenzene	12.33	105	432558	20.503	ug/l	100
74) N-amyl acetate	12.14	43	124935	21.106	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	84379	20.709	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	64861m	22.134	ug/l	
77) Bromobenzene	12.61	156	108063	20.095	ug/l	97
78) n-propylbenzene	12.67	91	520651	20.937	ug/l	99
79) 2-Chlorotoluene	12.75	91	285905	20.606	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	363789	20.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31467	20.898	ug/l #	82
82) 4-Chlorotoluene	12.86	91	301735	20.835	ug/l	100
83) tert-Butylbenzene	13.08	119	317400	20.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	365316	20.649	ug/l	99
85) sec-Butylbenzene	13.25	105	446013	20.916	ug/l	99
86) p-Isopropyltoluene	13.37	119	408380	20.510	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	207617	20.416	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	204924	20.353	ug/l	99
89) n-Butylbenzene	13.70	91	393767	21.025	ug/l	99
90) Hexachloroethane	13.96	117	76074	20.980	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	181962	20.389	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12842	19.441	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128641	20.262	ug/l	98
94) Hexachlorobutadiene	15.11	225	90099	20.711	ug/l	100
95) Naphthalene	15.23	128	196225	18.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	93500	18.630	ug/l	98

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

