

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
 Data File : VY002874.D
 Acq On : 10 Jun 2020 11:20
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Quant Time: Jun 11 02:17:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	420945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	122272	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.72	113	124921	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.18	98	488045	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.48	95	171720	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	41149	21.032	ug/l	100
3) Chloromethane	2.12	50	45560	21.053	ug/l	99
4) Vinyl Chloride	2.26	62	50753	22.189	ug/l	99
5) Bromomethane	2.65	94	35762	20.863	ug/l	99
6) Chloroethane	2.79	64	31094	20.970	ug/l	96
7) Trichlorofluoromethane	3.13	101	86679	21.396	ug/l	98
8) Diethyl Ether	3.54	74	30730	19.427	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	52165	21.688	ug/l	97
10) Methyl Iodide	4.10	142	65437	19.443	ug/l	99
11) Tert butyl alcohol	4.97	59	31199	110.448	ug/l	97
12) 1,1-Dichloroethene	3.88	96	51842	21.432	ug/l	98
13) Acrolein	3.74	56	22963	79.369	ug/l	98
14) Allyl chloride	4.49	41	74116	21.364	ug/l	99
15) Acrylonitrile	5.18	53	77772	108.983	ug/l	100
16) Acetone	3.96	43	63529	109.738	ug/l	97
17) Carbon Disulfide	4.20	76	147770	20.216	ug/l	98
18) Methyl Acetate	4.49	43	36749	24.811	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	141727	21.224	ug/l	100
20) Methylene Chloride	4.72	84	66486	23.501	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	56459	20.755	ug/l	97
22) Diisopropyl ether	6.13	45	156393	21.693	ug/l	98
23) Vinyl Acetate	6.07	43	506754	106.466	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89978	21.336	ug/l	98
25) 2-Butanone	6.99	43	98812	109.554	ug/l	100
26) 2,2-Dichloropropane	6.99	77	87046	21.521	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	64356	21.133	ug/l	99
28) Bromochloromethane	7.34	49	38711	22.360	ug/l	98
29) Tetrahydrofuran	7.35	42	62669	106.819	ug/l	99
30) Chloroform	7.51	83	96148	21.485	ug/l	99
31) Cyclohexane	7.79	56	85255	20.361	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	89034	21.350	ug/l	100
36) 1,1-Dichloropropene	7.93	75	75489	21.289	ug/l	100
37) Ethyl Acetate	7.08	43	43571	22.584	ug/l	99
38) Carbon Tetrachloride	7.90	117	83377	21.166	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	96537	20.655	ug/l	98
40) Benzene	8.16	78	221355	21.127	ug/l	98
41) Methacrylonitrile	7.32	41	21489m	20.733	ug/l	
42) 1,2-Dichloroethane	8.24	62	61650	20.995	ug/l	100
43) Isopropyl Acetate	8.28	43	79335	21.700	ug/l	99
44) Trichloroethene	8.94	130	68326	20.645	ug/l	96
45) 1,2-Dichloropropane	9.22	63	53912	21.456	ug/l	99
46) Dibromomethane	9.31	93	32051	21.479	ug/l	99
47) Bromodichloromethane	9.50	83	76038	21.615	ug/l	95
48) Methyl methacrylate	9.30	41	34582	20.954	ug/l	99
49) 1,4-Dioxane	9.31	88	9363	408.642	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	216662	111.917	ug/l	98
52) Toluene	10.25	92	145146	21.176	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	82242	21.404	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	93369	21.445	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	49366	21.609	ug/l	96
56) Ethyl methacrylate	10.51	69	65483	21.400	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81548	21.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	160864	107.590	ug/l	100
59) 2-Hexanone	10.83	43	147406	107.315	ug/l	99
60) Dibromochloromethane	10.99	129	62016	21.412	ug/l	100
61) 1,2-Dibromoethane	11.09	107	47715	21.173	ug/l	99
64) Tetrachloroethene	10.72	164	71830	20.278	ug/l	98
65) Chlorobenzene	11.52	112	163616	21.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	63011	21.718	ug/l	99
67) Ethyl Benzene	11.60	91	281969	21.113	ug/l	99
68) m/p-Xylenes	11.70	106	221536	42.785	ug/l	99
69) o-Xylene	12.03	106	104087	21.294	ug/l	100
70) Styrene	12.05	104	180747	21.330	ug/l	99
71) Bromoform	12.21	173	42625	21.957	ug/l #	100
73) Isopropylbenzene	12.33	105	286805	21.139	ug/l	100
74) N-amyl acetate	12.14	43	73342	21.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53854	22.623	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	42629m	22.346	ug/l	
77) Bromobenzene	12.61	156	74575	21.109	ug/l	99
78) n-propylbenzene	12.67	91	333043	21.251	ug/l	99
79) 2-Chlorotoluene	12.75	91	185057	21.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	241734	21.339	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21538	21.270	ug/l #	80
82) 4-Chlorotoluene	12.86	91	196871	21.374	ug/l	99
83) tert-Butylbenzene	13.08	119	212886	21.067	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	241370	21.190	ug/l	100
85) sec-Butylbenzene	13.25	105	293884	21.270	ug/l	99
86) p-Isopropyltoluene	13.37	119	274883	21.381	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	140590	21.009	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	142247	21.249	ug/l	100
89) n-Butylbenzene	13.70	91	248199	21.264	ug/l	99
90) Hexachloroethane	13.96	117	51315	21.320	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	128690	21.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9941	21.706	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	96262	21.044	ug/l	99
94) Hexachlorobutadiene	15.11	225	57153	22.028	ug/l	97
95) Naphthalene	15.24	128	190479	20.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86368	21.143	ug/l	98

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

