

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002018.D
 Acq On : 19 Mar 2020 13:58
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/20/2020 12:06:17 PM

Quant Time: Mar 20 03:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	83215	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.74	113	78628	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.19	98	323643	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.49	95	112790	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	24528	17.030	ug/l	100
3) Chloromethane	2.13	50	34029	17.524	ug/l	95
4) Vinyl Chloride	2.26	62	35167	17.805	ug/l	97
5) Bromomethane	2.66	94	24591	17.514	ug/l	100
6) Chloroethane	2.81	64	23157	18.664	ug/l	93
7) Trichlorofluoromethane	3.15	101	48760	18.203	ug/l	91
8) Diethyl Ether	3.55	74	20001	18.945	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	32689	18.973	ug/l	99
10) Methyl Iodide	4.11	142	35514	17.825	ug/l	99
11) Tert butyl alcohol	4.97	59	34529	194.151	ug/l #	80
12) 1,1-Dichloroethene	3.90	96	32440	18.700	ug/l	96
13) Acrolein	3.76	56	15311	65.411	ug/l	93
14) Allyl chloride	4.51	41	58785	19.115	ug/l	99
15) Acrylonitrile	5.20	53	50477	89.474	ug/l	100
16) Acetone	3.98	43	42313	87.215	ug/l	90
17) Carbon Disulfide	4.22	76	99246	17.019	ug/l	98
18) Methyl Acetate	4.51	43	22726	18.231	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	87466	18.605	ug/l	99
20) Methylene Chloride	4.75	84	43730	21.031	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	36822	18.701	ug/l	98
22) Diisopropyl ether	6.15	45	122574	19.444	ug/l	99
23) Vinyl Acetate	6.10	43	380111	91.976	ug/l	96
24) 1,1-Dichloroethane	6.05	63	65754	19.261	ug/l	100
25) 2-Butanone	7.02	43	66457	90.076	ug/l	99
26) 2,2-Dichloropropane	7.01	77	57178	20.406	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	40503	18.910	ug/l	95
28) Bromochloromethane	7.36	49	31810	20.672	ug/l	98
29) Tetrahydrofuran	7.38	42	42276	86.288	ug/l	99
30) Chloroform	7.53	83	62608	19.520	ug/l	98
31) Cyclohexane	7.81	56	67788	18.520	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	52664	19.481	ug/l	99
36) 1,1-Dichloropropene	7.94	75	51720	19.078	ug/l	99
37) Ethyl Acetate	7.11	43	28886	18.333	ug/l	99
38) Carbon Tetrachloride	7.93	117	44972	19.419	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	67051	18.648	ug/l	96
40) Benzene	8.19	78	152009	18.918	ug/l	99
41) Methacrylonitrile	7.35	41	15186m	21.416	ug/l	
42) 1,2-Dichloroethane	8.26	62	39454	19.055	ug/l	98
43) Isopropyl Acetate	8.30	43	53370	17.891	ug/l	99
44) Trichloroethene	8.96	130	37351	19.087	ug/l	100
45) 1,2-Dichloropropane	9.24	63	39504	19.557	ug/l	100
46) Dibromomethane	9.32	93	19088	18.338	ug/l	99
47) Bromodichloromethane	9.52	83	46546	19.223	ug/l	96
48) Methyl methacrylate	9.31	41	23255	17.569	ug/l	95
49) 1,4-Dioxane	9.32	88	4790	335.832	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	153517	99.914	ug/l	98
52) Toluene	10.26	92	93480	19.151	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	49662	18.825	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	58980	18.781	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	28604	18.777	ug/l	99
56) Ethyl methacrylate	10.52	69	40017	17.922	ug/l	94
57) 1,3-Dichloropropane	10.80	76	50871	18.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	108752	122.994	ug/l	98
59) 2-Hexanone	10.85	43	94646	86.303	ug/l	98
60) Dibromochloromethane	11.00	129	29790	18.558	ug/l	99
61) 1,2-Dibromoethane	11.10	107	26038	18.044	ug/l	98
64) Tetrachloroethene	10.73	164	30928	19.359	ug/l	97
65) Chlorobenzene	11.53	112	95285	18.772	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	32103	19.286	ug/l	98
67) Ethyl Benzene	11.60	91	181167	19.137	ug/l	98
68) m/p-Xylenes	11.71	106	133639	38.183	ug/l	99
69) o-Xylene	12.04	106	63815	19.345	ug/l	99
70) Styrene	12.05	104	108158	19.143	ug/l	100
71) Bromoform	12.22	173	16592	18.380	ug/l #	99
73) Isopropylbenzene	12.34	105	169301	19.005	ug/l	100
74) N-amyl acetate	12.15	43	48376	17.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	34116	17.759	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	23238m	16.782	ug/l	
77) Bromobenzene	12.62	156	36113	19.134	ug/l	98
78) n-propylbenzene	12.68	91	209386	19.052	ug/l	100
79) 2-Chlorotoluene	12.77	91	115358	18.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	141494	19.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	12007	17.516	ug/l	97
82) 4-Chlorotoluene	12.86	91	121114	19.157	ug/l	100
83) tert-Butylbenzene	13.08	119	116800	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	139442	19.159	ug/l	99
85) sec-Butylbenzene	13.26	105	177168	19.733	ug/l	100
86) p-Isopropyltoluene	13.38	119	150156	19.387	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	72567	19.620	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	71359	19.018	ug/l	98
89) n-Butylbenzene	13.70	91	155949	19.408	ug/l	99
90) Hexachloroethane	13.97	117	27901	19.096	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	65190	19.401	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5080	16.946	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	40893	18.766	ug/l	97
94) Hexachlorobutadiene	15.12	225	20199	19.013	ug/l	98
95) Naphthalene	15.25	128	86913	16.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	35249	18.363	ug/l	99

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

