

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003432.D
 Acq On : 04 Sep 2020 15:19
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 05 00:39:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	669141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1105155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	994134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	483025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	71673	10.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.64%	
35) Dibromofluoromethane	7.72	113	63137	9.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.78%	
50) Toluene-d8	10.17	98	273120	10.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.28%	
62) 4-Bromofluorobenzene	12.48	95	93473	10.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	63217	11.234	ug/l	98
3) Chloromethane	2.11	50	82424	10.211	ug/l	98
4) Vinyl Chloride	2.25	62	70885	10.562	ug/l	99
5) Bromomethane	2.65	94	56471	10.894	ug/l	96
6) Chloroethane	2.79	64	34500	10.678	ug/l	95
7) Trichlorofluoromethane	3.13	101	115594	11.015	ug/l	97
8) Diethyl Ether	3.53	74	44473	10.268	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.91	101	71182	10.447	ug/l	97
10) Methyl Iodide	4.09	142	40065	9.010	ug/l	94
11) Tert butyl alcohol	4.96	59	64080	54.766	ug/l #	94
12) 1,1-Dichloroethene	3.87	96	71294	10.236	ug/l	86
13) Acrolein	3.74	56	29921	52.096	ug/l	96
14) Allyl chloride	4.48	41	132763	10.978	ug/l #	92
15) Acrylonitrile	5.16	53	119659	52.263	ug/l	99
16) Acetone	3.96	43	117680	58.653	ug/l	89
17) Carbon Disulfide	4.19	76	233513	10.432	ug/l	100
18) Methyl Acetate	4.48	43	54305	10.287	ug/l	89
19) Methyl tert-butyl Ether	5.22	73	196495	10.446	ug/l	97
20) Methylene Chloride	4.72	84	114048	10.493	ug/l	85
21) trans-1,2-Dichloroethene	5.22	96	81891	10.295	ug/l	91
22) Diisopropyl ether	6.12	45	271225	10.908	ug/l	96
23) Vinyl Acetate	6.07	43	881344	54.552	ug/l	94
24) 1,1-Dichloroethane	6.02	63	144699	10.701	ug/l	99
25) 2-Butanone	6.99	43	167419	52.065	ug/l	98
26) 2,2-Dichloropropane	6.99	77	123108	10.537	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	89342	10.061	ug/l	98
28) Bromochloromethane	7.33	49	69704	10.267	ug/l	93
29) Tetrahydrofuran	7.35	42	109040	51.701	ug/l	98
30) Chloroform	7.51	83	134276	10.083	ug/l	97
31) Cyclohexane	7.78	56	150705	10.403	ug/l #	85
32) 1,1,1-Trichloroethane	7.71	97	116690	10.307	ug/l	99
36) 1,1-Dichloropropene	7.92	75	112805	10.421	ug/l	98
37) Ethyl Acetate	7.08	43	70148	10.176	ug/l	100
38) Carbon Tetrachloride	7.89	117	103752	10.513	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	145745	10.411	ug/l	98
40) Benzene	8.16	78	328253	10.171	ug/l	99
41) Methacrylonitrile	7.32	41	34255	8.992	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	89286	10.350	ug/l	97
43) Isopropyl Acetate	8.27	43	128088	10.282	ug/l	99
44) Trichloroethene	8.94	130	87920	10.177	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84081	10.106	ug/l	96
46) Dibromomethane	9.30	93	44198	10.140	ug/l	97
47) Bromodichloromethane	9.50	83	105172	10.328	ug/l #	93
48) Methyl methacrylate	9.29	41	59425	10.305	ug/l	93
49) 1,4-Dioxane	9.30	88	12487	207.557	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	348987	51.541	ug/l	99
52) Toluene	10.24	92	200251	10.222	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	110758	10.125	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	128991	9.977	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	63822	10.080	ug/l	98
56) Ethyl methacrylate	10.51	69	83628	9.766	ug/l	96
57) 1,3-Dichloropropane	10.79	76	113662	10.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	241082	52.132	ug/l	99
59) 2-Hexanone	10.83	43	239089	51.829	ug/l	98
60) Dibromochloromethane	10.98	129	72980	10.201	ug/l	98
61) 1,2-Dibromoethane	11.09	107	60547	10.202	ug/l	98
64) Tetrachloroethene	10.72	164	87002	10.353	ug/l	97
65) Chlorobenzene	11.52	112	212149	10.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73402	10.108	ug/l	98
67) Ethyl Benzene	11.59	91	386103	10.342	ug/l	99
68) m/p-Xylenes	11.70	106	289688	20.565	ug/l	98
69) o-Xylene	12.03	106	135261	10.177	ug/l	98
70) Styrene	12.04	104	220573	10.051	ug/l	99
71) Bromoform	12.20	173	42885	9.896	ug/l #	97
73) Isopropylbenzene	12.33	105	369717	10.309	ug/l	100
74) N-amyl acetate	12.14	43	113861	10.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	73953	10.146	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	52554m	9.912	ug/l	
77) Bromobenzene	12.61	156	85403	10.134	ug/l	99
78) n-propylbenzene	12.67	91	454942	10.394	ug/l	99
79) 2-Chlorotoluene	12.75	91	250149	10.394	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	307635	10.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27657	10.236	ug/l	96
82) 4-Chlorotoluene	12.85	91	263943	10.298	ug/l	99
83) tert-Butylbenzene	13.07	119	269678	10.616	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	309798	10.367	ug/l	100
85) sec-Butylbenzene	13.25	105	387242	10.536	ug/l	99
86) p-Isopropyltoluene	13.37	119	339427	10.388	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	171757	10.514	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	171218	10.414	ug/l	97
89) n-Butylbenzene	13.69	91	354519	10.794	ug/l	100
90) Hexachloroethane	13.96	117	62299	10.490	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	154005	10.358	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12940	10.791	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	105586	10.498	ug/l	99
94) Hexachlorobutadiene	15.11	225	56210	10.441	ug/l	100
95) Naphthalene	15.23	128	216801	10.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94438	10.571	ug/l	100

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

