

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003435.D
 Acq On : 04 Sep 2020 16:27
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Quant Time: Sep 05 00:44:46 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	7.80	168	616554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1039206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	924556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	433887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	652203	101.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.88%	
35) Dibromofluoromethane	7.72	113	619006	103.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.26%	
50) Toluene-d8	10.18	98	2472800	97.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.26%	
62) 4-Bromofluorobenzene	12.48	95	837081	97.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	422558	81.494	ug/l	98
3) Chloromethane	2.11	50	572006	76.906	ug/l	100
4) Vinyl Chloride	2.25	62	554665	89.691	ug/l	99
5) Bromomethane	2.64	94	369536	77.370	ug/l	97
6) Chloroethane	2.79	64	293148	98.470	ug/l	97
7) Trichlorofluoromethane	3.13	101	958783	99.153	ug/l	99
8) Diethyl Ether	3.53	74	398181	99.770	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.90	101	611121	97.338	ug/l	95
10) Methyl Iodide	4.09	142	586926	143.248	ug/l	97
11) Tert butyl alcohol	4.97	59	373852	346.767	ug/l	100
12) 1,1-Dichloroethene	3.87	96	623418	97.139	ug/l	88
13) Acrolein	3.73	56	244730	462.447	ug/l	97
14) Allyl chloride	4.48	41	1171893	105.165	ug/l #	94
15) Acrylonitrile	5.17	53	1106285	524.398	ug/l	98
16) Acetone	3.96	43	907741	491.016	ug/l	92
17) Carbon Disulfide	4.19	76	1997190	96.833	ug/l	99
18) Methyl Acetate	4.48	43	497341	102.243	ug/l	90
19) Methyl tert-butyl Ether	5.22	73	1814881	104.709	ug/l	97
20) Methylene Chloride	4.72	84	732543	73.146	ug/l #	84
21) trans-1,2-Dichloroethene	5.22	96	711243	97.038	ug/l	90
22) Diisopropyl ether	6.13	45	2338768	102.078	ug/l	96
23) Vinyl Acetate	6.07	43	8028321	539.308	ug/l	95
24) 1,1-Dichloroethane	6.02	63	1250424	100.362	ug/l	99
25) 2-Butanone	6.99	43	1463010	493.786	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1000803	92.966	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	794728	97.128	ug/l	100
28) Bromochloromethane	7.34	49	595194	95.147	ug/l	99
29) Tetrahydrofuran	7.35	42	978189	503.363	ug/l	100
30) Chloroform	7.51	83	1201309	97.904	ug/l	97
31) Cyclohexane	7.78	56	1206656	90.397	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	1030712	98.803	ug/l	99
36) 1,1-Dichloropropene	7.92	75	979318	96.213	ug/l	99
37) Ethyl Acetate	7.08	43	644262	99.392	ug/l	99
38) Carbon Tetrachloride	7.90	117	897523	96.718	ug/l	96

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39) Methylcyclohexane	9.18	83	1278427	97.120	ug/l	98
40) Benzene	8.16	78	2898540	95.510	ug/l	100
41) Methacrylonitrile	7.33	41	358834m	100.167	ug/l	
42) 1,2-Dichloroethane	8.24	62	792152	97.651	ug/l	100
43) Isopropyl Acetate	8.28	43	1208410	103.160	ug/l	99
44) Trichloroethene	8.94	130	778225	95.800	ug/l	98
45) 1,2-Dichloropropane	9.22	63	756811	96.738	ug/l	98
46) Dibromomethane	9.30	93	402751	98.259	ug/l	99
47) Bromodichloromethane	9.50	83	950931	99.305	ug/l	98
48) Methyl methacrylate	9.29	41	555159	102.379	ug/l	99
49) 1,4-Dioxane	9.30	88	116484	2059.055	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	3146384	494.172	ug/l	100
52) Toluene	10.24	92	1768777	96.015	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	1036495	100.764	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	1199538	98.671	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	583827	98.057	ug/l	98
56) Ethyl methacrylate	10.51	69	851281	105.720	ug/l	98
57) 1,3-Dichloropropane	10.79	76	1015498	97.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	2231766	513.232	ug/l	99
59) 2-Hexanone	10.83	43	2203920	508.078	ug/l	99
60) Dibromochloromethane	10.99	129	681077	101.236	ug/l	100
61) 1,2-Dibromoethane	11.09	107	553433	99.167	ug/l	100
64) Tetrachloroethene	10.72	164	737521	94.370	ug/l	97
65) Chlorobenzene	11.52	112	1868639	96.249	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	667526	98.838	ug/l	98
67) Ethyl Benzene	11.59	91	3363668	96.875	ug/l	100
68) m/p-Xylenes	11.70	106	2502177	190.995	ug/l	100
69) o-Xylene	12.03	106	1194349	96.630	ug/l	100
70) Styrene	12.04	104	2058521	100.858	ug/l	100
71) Bromoform	12.20	173	416454	103.326	ug/l #	99
73) Isopropylbenzene	12.33	105	3176416	98.602	ug/l	100
74) N-amyl acetate	12.14	43	1049718	105.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	662096	101.119	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	443188m	93.053	ug/l	
77) Bromobenzene	12.61	156	752912	99.460	ug/l	99
78) n-propylbenzene	12.67	91	3780995	96.169	ug/l	100
79) 2-Chlorotoluene	12.75	91	2116209	97.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2598456	97.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	252299	103.954	ug/l	98
82) 4-Chlorotoluene	12.85	91	2192499	95.234	ug/l	99
83) tert-Butylbenzene	13.07	119	2212441	96.953	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2580983	96.147	ug/l	100
85) sec-Butylbenzene	13.25	105	3138936	95.075	ug/l	100
86) p-Isopropyltoluene	13.37	119	2759395	94.011	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1370649	93.409	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1382581	93.616	ug/l	99
89) n-Butylbenzene	13.69	91	2730838	92.558	ug/l	99
90) Hexachloroethane	13.95	117	528934	99.145	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	1264215	94.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	108615	100.833	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.00	180	827196	91.563	ug/l	100
94) Hexachlorobutadiene	15.11	225	419985	86.846	ug/l	100
95) Naphthalene	15.23	128	1897590	100.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	736658	91.800	ug/l	99

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

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