

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000186.D
 Acq On : 03 Oct 2019 16:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:51:03 PM

Quant Time: Oct 04 05:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	411825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	615074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	552186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	273982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	422162	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	
35) Dibromofluoromethane	7.73	113	381756	100.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.10%	
50) Toluene-d8	10.19	98	1475658	101.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.92%	
62) 4-Bromofluorobenzene	12.48	95	514342	101.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	375765	137.043	ug/l	98
3) Chloromethane	2.12	50	407109	143.269	ug/l	99
4) Vinyl Chloride	2.25	62	469924	152.519	ug/l	97
5) Bromomethane	2.62	94	258009	128.212	ug/l	100
6) Chloroethane	2.77	64	292724	136.358	ug/l	96
7) Trichlorofluoromethane	3.11	101	666074	135.462	ug/l	99
8) Diethyl Ether	3.53	74	264032	121.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	395210	127.138	ug/l	100
10) Methyl Iodide	4.09	142	717399	169.850	ug/l	99
11) Tert butyl alcohol	4.98	59	1030028	499.261	ug/l	100
12) 1,1-Dichloroethene	3.86	96	407253	139.348	ug/l	94
13) Acrolein	3.73	56	414011	465.785	ug/l	99
14) Allyl chloride	4.48	41	535539m	131.528	ug/l	
15) Acrylonitrile	5.17	53	1877919	566.689	ug/l	100
16) Acetone	3.95	43	1493090	542.944	ug/l	99
17) Carbon Disulfide	4.19	76	1135425	192.866	ug/l	98
18) Methyl Acetate	4.48	43	818332	106.533	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	1343156	113.875	ug/l	98
20) Methylene Chloride	4.72	84	433384	120.387	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	444087	140.888	ug/l	95
22) Diisopropyl ether	6.13	45	1323256	122.526	ug/l	96
23) Vinyl Acetate	6.07	43	6210443	668.782	ug/l	98
24) 1,1-Dichloroethane	6.02	63	700420	121.216	ug/l	97
25) 2-Butanone	7.00	43	2771861	566.943	ug/l	100
26) 2,2-Dichloropropane	6.99	77	669003	119.020	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	500608	120.772	ug/l	98
28) Bromochloromethane	7.34	49	228564	100.528	ug/l	94
29) Tetrahydrofuran	7.36	42	2003276	614.115	ug/l	98
30) Chloroform	7.52	83	759023	114.668	ug/l	99
31) Cyclohexane	7.78	56	680611	160.674	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	693942	122.872	ug/l	99
36) 1,1-Dichloropropene	7.93	75	583728	144.909	ug/l	99
37) Ethyl Acetate	7.09	43	932402	123.825	ug/l	99
38) Carbon Tetrachloride	7.91	117	640912	129.780	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	771966	162.386	ug/l	99
40) Benzene	8.17	78	1768290	132.369	ug/l	97
41) Methacrylonitrile	7.33	41	395625m	110.823	ug/l	
42) 1,2-Dichloroethane	8.25	62	569209	122.549	ug/l	100
43) Isopropyl Acetate	8.28	43	1224295	120.571	ug/l	99
44) Trichloroethene	8.94	130	529217	126.939	ug/l	92
45) 1,2-Dichloropropane	9.22	63	413635	120.729	ug/l	99
46) Dibromomethane	9.31	93	309776	121.478	ug/l	98
47) Bromodichloromethane	9.50	83	611676	117.417	ug/l	96
48) Methyl methacrylate	9.30	41	544666	120.394	ug/l	97
49) 1,4-Dioxane	9.30	88	305516	2166.258	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	4613650	576.279	ug/l	99
52) Toluene	10.25	92	1179717	133.522	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	704050	123.079	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	750862	125.877	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	452475	111.372	ug/l	99
56) Ethyl methacrylate	10.52	69	759592	120.466	ug/l	99
57) 1,3-Dichloropropane	10.80	76	739753	116.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1691025	525.581	ug/l	98
59) 2-Hexanone	10.84	43	3911726	579.995	ug/l	100
60) Dibromochloromethane	10.99	129	530297	113.468	ug/l	99
61) 1,2-Dibromoethane	11.09	107	496999	120.652	ug/l	100
64) Tetrachloroethene	10.72	164	530801	123.417	ug/l	99
65) Chlorobenzene	11.52	112	1257360	120.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	463560	107.343	ug/l	99
67) Ethyl Benzene	11.60	91	2208711	126.410	ug/l	100
68) m/p-Xylenes	11.70	106	1758639	253.667	ug/l	98
69) o-Xylene	12.03	106	836004	120.320	ug/l	96
70) Styrene	12.05	104	1440720	120.402	ug/l	99
71) Bromoform	12.21	173	425581	106.980	ug/l #	100
73) Isopropylbenzene	12.33	105	2212382	122.223	ug/l	99
74) N-amyl acetate	12.14	43	995218	124.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	674477	104.997	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	481381m	100.205	ug/l	
77) Bromobenzene	12.61	156	550444	110.502	ug/l	97
78) n-propylbenzene	12.67	91	2538691	125.426	ug/l	99
79) 2-Chlorotoluene	12.75	91	1414525	118.610	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1845643	121.593	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	313145	116.708	ug/l #	86
82) 4-Chlorotoluene	12.86	91	1471339	115.873	ug/l	100
83) tert-Butylbenzene	13.08	119	1596965	115.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1834071	121.746	ug/l	99
85) sec-Butylbenzene	13.25	105	2212370	119.480	ug/l	99
86) p-Isopropyltoluene	13.37	119	2035029	119.816	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1000360	111.204	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1011140	107.966	ug/l	99
89) n-Butylbenzene	13.70	91	1858542	124.584	ug/l	100
90) Hexachloroethane	13.96	117	380145	112.934	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	971180	106.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	231136	107.230	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	719720	107.582	ug/l	99
94) Hexachlorobutadiene	15.11	225	353693	113.777	ug/l	99
95) Naphthalene	15.23	128	2556527	108.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	711921	107.579	ug/l	100

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

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