

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000223.D
 Acq On : 08 Oct 2019 14:29
 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
 10/10/2019 12:52:23 AM

Quant Time: Oct 08 15:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 08 14:14:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	512259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	456916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	376246	130.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.92%	
35) Dibromofluoromethane	7.73	113	313072	106.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.86%	
50) Toluene-d8	10.19	98	1256210	115.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	231.56%	
62) 4-Bromofluorobenzene	12.48	95	433268	110.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	295356	129.387	ug/l	94
3) Chloromethane	2.12	50	397516	143.355	ug/l	99
4) Vinyl Chloride	2.25	62	414981	137.781	ug/l	98
5) Bromomethane	2.61	94	142361	58.772	ug/l	99
6) Chloroethane	2.77	64	261932	135.370	ug/l	92
7) Trichlorofluoromethane	3.12	101	527223	124.191	ug/l	94
8) Diethyl Ether	3.53	74	240025	145.586	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.90	101	315085	126.063	ug/l	92
10) Methyl Iodide	4.09	142	501342	149.376	ug/l	97
11) Tert butyl alcohol	4.99	59	1020235	705.689	ug/l	100
12) 1,1-Dichloroethene	3.86	96	335160	130.820	ug/l	84
13) Acrolein	3.73	56	584257	1029.074	ug/l	99
14) Allyl chloride	4.47	41	607288m	159.080	ug/l	
15) Acrylonitrile	5.18	53	1985078	836.414	ug/l	100
16) Acetone	3.96	43	1646366	868.738	ug/l	98
17) Carbon Disulfide	4.19	76	1004851	142.950	ug/l	100
18) Methyl Acetate	4.48	43	895950	172.929	ug/l	91
19) Methyl tert-butyl Ether	5.23	73	1267895	153.463	ug/l	96
20) Methylene Chloride	4.72	84	384459	130.884	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	383099	143.810	ug/l	94
22) Diisopropyl ether	6.13	45	1361119	179.208	ug/l	94
23) Vinyl Acetate	6.07	43	6327328	894.169	ug/l	95
24) 1,1-Dichloroethane	6.03	63	677823	156.833	ug/l	93
25) 2-Butanone	7.00	43	3047666	892.837	ug/l	96
26) 2,2-Dichloropropane	6.99	77	566448	132.833	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	437555	137.830	ug/l	89
28) Bromochloromethane	7.35	49	217562	176.407	ug/l	83
29) Tetrahydrofuran	7.36	42	2102163	888.523	ug/l	93
30) Chloroform	7.52	83	687084	140.949	ug/l	99
31) Cyclohexane	7.79	56	644230	126.703	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	582818	136.205	ug/l	98
36) 1,1-Dichloropropene	7.93	75	517752	126.017	ug/l	96
37) Ethyl Acetate	7.09	43	958994	148.884	ug/l	98
38) Carbon Tetrachloride	7.91	117	507418	114.814	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	658178	120.375	ug/l	91
40) Benzene	8.17	78	1614738	131.214	ug/l	100
41) Methacrylonitrile	7.35	41	738716m	91.874	ug/l	
42) 1,2-Dichloroethane	8.25	62	516639	129.240	ug/l	96
43) Isopropyl Acetate	8.28	43	1247394	149.478	ug/l	97
44) Trichloroethene	8.95	130	406332	102.839	ug/l	93
45) 1,2-Dichloropropane	9.22	63	407821	135.980	ug/l	100
46) Dibromomethane	9.32	93	276647	124.089	ug/l	88
47) Bromodichloromethane	9.50	83	546564	129.207	ug/l	98
48) Methyl methacrylate	9.30	41	553129	154.272	ug/l	93
49) 1,4-Dioxane	9.30	88	292993	2607.749	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	4460608	722.735	ug/l	100
52) Toluene	10.25	92	1034888	128.460	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	649563	136.728	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	692098	136.017	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	402879	121.898	ug/l	95
56) Ethyl methacrylate	10.52	69	731593	145.501	ug/l	95
57) 1,3-Dichloropropane	10.80	76	683364	130.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	2090117	730.763	ug/l	89
59) 2-Hexanone	10.84	43	3823233	728.609	ug/l	99
60) Dibromochloromethane	10.99	129	428805	116.254	ug/l	99
61) 1,2-Dibromoethane	11.09	107	433780	121.091	ug/l	99
64) Tetrachloroethene	10.72	164	375428	92.518	ug/l	93
65) Chlorobenzene	11.52	112	1031829	115.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	374047	112.114	ug/l	97
67) Ethyl Benzene	11.60	91	1929320	125.592	ug/l	96
68) m/p-Xylenes	11.70	106	1458194	240.740	ug/l	94
69) o-Xylene	12.03	106	699787	117.364	ug/l	94
70) Styrene	12.05	104	1227315	124.330	ug/l	97
71) Bromoform	12.21	173	320951	109.145	ug/l #	100
73) Isopropylbenzene	12.33	105	1849775	131.188	ug/l	97
74) N-amyl acetate	12.14	43	937685	171.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	631915	140.911	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	557613m	91.501	ug/l	
77) Bromobenzene	12.61	156	409521	110.752	ug/l	75
78) n-propylbenzene	12.67	91	2175064	135.466	ug/l	95
79) 2-Chlorotoluene	12.75	91	1220566	134.456	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	1536512	129.578	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	289573	157.929	ug/l	94
82) 4-Chlorotoluene	12.85	91	1275390	137.408	ug/l	93
83) tert-Butylbenzene	13.08	119	1294579	120.778	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	1533155	130.390	ug/l	97
85) sec-Butylbenzene	13.25	105	1836051	126.443	ug/l	95
86) p-Isopropyltoluene	13.37	119	1626062	123.282	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	766435	112.535	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	778299	113.380	ug/l	97
89) n-Butylbenzene	13.69	91	1594101	137.682	ug/l	97
90) Hexachloroethane	13.96	117	310140	124.913	ug/l	86
91) 1,2-Dichlorobenzene	13.74	146	748991	113.158	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	206498	141.235	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	509163	106.992	ug/l	98
94) Hexachlorobutadiene	15.11	225	234133	92.063	ug/l	98
95) Naphthalene	15.23	128	2048771	127.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	509643	107.314	ug/l	97

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

