

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000262.D
 Acq On : 10 Oct 2019 18:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:34:25 PM

Quant Time: Oct 11 07:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	364745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	159686	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.74	113	125846	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.19	98	488263	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.48	95	175876	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	114635	48.711	ug/l	98
3) Chloromethane	2.12	50	157834	49.248	ug/l	99
4) Vinyl Chloride	2.25	62	164139	49.605	ug/l	97
5) Bromomethane	2.62	94	112898m	54.077	ug/l	
6) Chloroethane	2.78	64	105155	50.314	ug/l	97
7) Trichlorofluoromethane	3.12	101	209150	48.912	ug/l	98
8) Diethyl Ether	3.54	74	92808	47.471	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	119621	47.915	ug/l	100
10) Methyl Iodide	4.09	142	202066	49.834	ug/l	100
11) Tert butyl alcohol	4.97	59	428159	259.942	ug/l	100
12) 1,1-Dichloroethene	3.88	96	127769	49.297	ug/l	97
13) Acrolein	3.73	56	215011	248.680	ug/l	99
14) Allyl chloride	4.49	41	220822	50.563	ug/l	98
15) Acrylonitrile	5.18	53	750849	258.236	ug/l	100
16) Acetone	3.95	43	660690	275.143	ug/l	95
17) Carbon Disulfide	4.19	76	368250	48.208	ug/l	99
18) Methyl Acetate	4.49	43	345102	52.442	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	477278	50.336	ug/l	100
20) Methylene Chloride	4.72	84	148109	46.951	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	142093	48.736	ug/l	99
22) Diisopropyl ether	6.13	45	523163	51.706	ug/l	97
23) Vinyl Acetate	6.07	43	2428493	242.761	ug/l	100
24) 1,1-Dichloroethane	6.03	63	254038	49.223	ug/l	98
25) 2-Butanone	7.00	43	1222982	275.306	ug/l	100
26) 2,2-Dichloropropane	7.00	77	213774	45.886	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	165281	48.127	ug/l	99
28) Bromochloromethane	7.35	49	99835	58.771	ug/l	100
29) Tetrahydrofuran	7.36	42	839239	267.502	ug/l	100
30) Chloroform	7.52	83	263474	49.191	ug/l	97
31) Cyclohexane	7.79	56	238030	45.662	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	224694	49.344	ug/l	99
36) 1,1-Dichloropropene	7.93	75	193365	46.429	ug/l	100
37) Ethyl Acetate	7.09	43	374869	49.789	ug/l	100
38) Carbon Tetrachloride	7.91	117	194293	47.866	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	238348	45.619	ug/l	95
40) Benzene	8.17	78	613849	48.588	ug/l	100
41) Methacrylonitrile	7.35	41	286356m	48.321	ug/l	
42) 1,2-Dichloroethane	8.25	62	209929	51.157	ug/l	100
43) Isopropyl Acetate	8.28	43	491954	50.763	ug/l	100
44) Trichloroethene	8.95	130	162118	47.320	ug/l	95
45) 1,2-Dichloropropane	9.22	63	156401	49.424	ug/l	95
46) Dibromomethane	9.32	93	105107	47.378	ug/l	98
47) Bromodichloromethane	9.50	83	212171	48.893	ug/l	95
48) Methyl methacrylate	9.30	41	218280	49.901	ug/l	99
49) 1,4-Dioxane	9.31	88	113654	1012.157	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	1937817	266.064	ug/l	100
52) Toluene	10.25	92	386324	47.676	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	247727	50.318	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	262295	49.237	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	161019	50.395	ug/l	98
56) Ethyl methacrylate	10.52	69	285967	50.837	ug/l	98
57) 1,3-Dichloropropane	10.80	76	270403	49.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	729777	291.055	ug/l	99
59) 2-Hexanone	10.84	43	1675312	259.779	ug/l	99
60) Dibromochloromethane	10.99	129	171630	50.805	ug/l	98
61) 1,2-Dibromoethane	11.10	107	169149	49.839	ug/l	99
64) Tetrachloroethene	10.72	164	156972	47.083	ug/l	95
65) Chlorobenzene	11.52	112	397565	47.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	150289	49.736	ug/l	98
67) Ethyl Benzene	11.60	91	732636	48.488	ug/l	99
68) m/p-Xylenes	11.70	106	556804	96.577	ug/l	99
69) o-Xylene	12.03	106	273654	49.269	ug/l	97
70) Styrene	12.05	104	472781	49.417	ug/l	99
71) Bromoform	12.21	173	128294	51.452	ug/l #	99
73) Isopropylbenzene	12.33	105	712729	47.497	ug/l	100
74) N-amyl acetate	12.14	43	396193	50.001	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	258238	50.426	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	236929m	50.676	ug/l	
77) Bromobenzene	12.61	156	166556	47.333	ug/l	99
78) n-propylbenzene	12.67	91	845990	48.267	ug/l	99
79) 2-Chlorotoluene	12.76	91	482404	47.803	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	600665	47.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	112391	46.711	ug/l #	91
82) 4-Chlorotoluene	12.86	91	504310	49.340	ug/l	99
83) tert-Butylbenzene	13.08	119	513516	47.186	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	608019	48.603	ug/l	99
85) sec-Butylbenzene	13.25	105	710066	47.336	ug/l	100
86) p-Isopropyltoluene	13.37	119	647598	49.094	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	309112	48.469	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	314904	47.404	ug/l	100
89) n-Butylbenzene	13.70	91	606914	48.820	ug/l	100
90) Hexachloroethane	13.96	117	121162	48.558	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	304901	47.235	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	84930	49.134	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	204691	46.704	ug/l	99
94) Hexachlorobutadiene	15.11	225	95622	45.656	ug/l	99
95) Naphthalene	15.23	128	810860	49.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	205447	48.733	ug/l	99

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

