

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000234.D
 Acq On : 08 Oct 2019 21:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:34 AM

Quant Time: Oct 09 09:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	263567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	443108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	169365	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.73	113	139169	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.19	98	547681	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.48	95	193278	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121576	46.205	ug/l	100
3) Chloromethane	2.12	50	167368	46.708	ug/l	99
4) Vinyl Chloride	2.25	62	176343	47.666	ug/l	97
5) Bromomethane	2.63	94	117965	50.537	ug/l	97
6) Chloroethane	2.79	64	112064	47.957	ug/l	98
7) Trichlorofluoromethane	3.12	101	223296	46.705	ug/l	100
8) Diethyl Ether	3.54	74	99910	45.707	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	125192	44.851	ug/l	97
10) Methyl Iodide	4.09	142	217091	47.908	ug/l	99
11) Tert butyl alcohol	4.97	59	419648	227.869	ug/l	99
12) 1,1-Dichloroethene	3.88	96	136339	47.049	ug/l	97
13) Acrolein	3.73	56	219197	226.748	ug/l	100
14) Allyl chloride	4.49	41	219612	44.976	ug/l	97
15) Acrylonitrile	5.18	53	772863	237.737	ug/l	99
16) Acetone	3.96	43	685550	255.346	ug/l	96
17) Carbon Disulfide	4.19	76	393638	46.089	ug/l	99
18) Methyl Acetate	4.49	43	352879	47.961	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	500818	47.240	ug/l	98
20) Methylene Chloride	4.72	84	158593	44.965	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	152619	46.818	ug/l	95
22) Diisopropyl ether	6.13	45	543925	48.081	ug/l	96
23) Vinyl Acetate	6.07	43	2522503	225.693	ug/l	99
24) 1,1-Dichloroethane	6.03	63	271491	47.050	ug/l	99
25) 2-Butanone	7.00	43	1261532	253.994	ug/l	99
26) 2,2-Dichloropropane	6.99	77	217082	41.675	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	177756	46.293	ug/l	98
28) Bromochloromethane	7.35	49	103915	54.712	ug/l	100
29) Tetrahydrofuran	7.36	42	874668	249.352	ug/l	100
30) Chloroform	7.52	83	286537	47.848	ug/l	99
31) Cyclohexane	7.79	56	248848	42.696	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	243070	47.742	ug/l	99
36) 1,1-Dichloropropene	7.93	75	208345	46.211	ug/l	99
37) Ethyl Acetate	7.09	43	390484	47.908	ug/l	100
38) Carbon Tetrachloride	7.91	117	207785	47.286	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	257509	45.528	ug/l	95
40) Benzene	8.17	78	645570	47.202	ug/l	100
41) Methacrylonitrile	7.35	41	299578m	46.697	ug/l	
42) 1,2-Dichloroethane	8.25	62	220105	49.547	ug/l	100
43) Isopropyl Acetate	8.28	43	511671	48.772	ug/l	100
44) Trichloroethene	8.95	130	176178	47.502	ug/l	95
45) 1,2-Dichloropropane	9.22	63	166650	48.647	ug/l	97
46) Dibromomethane	9.32	93	111493	46.424	ug/l	99
47) Bromodichloromethane	9.50	83	226281	48.169	ug/l	92
48) Methyl methacrylate	9.30	41	224384	47.385	ug/l	98
49) 1,4-Dioxane	9.30	88	114187	939.358	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	2023699	256.668	ug/l	99
52) Toluene	10.25	92	417512	47.596	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	260957	48.964	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	274882	47.665	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	169708	49.064	ug/l	97
56) Ethyl methacrylate	10.52	69	303685	49.870	ug/l	99
57) 1,3-Dichloropropane	10.80	76	287434	48.669	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	695597	256.268	ug/l	100
59) 2-Hexanone	10.84	43	1763721	252.438	ug/l	99
60) Dibromochloromethane	10.99	129	181593	49.655	ug/l	99
61) 1,2-Dibromoethane	11.10	107	181747	49.468	ug/l	100
64) Tetrachloroethene	10.72	164	170249	45.929	ug/l	98
65) Chlorobenzene	11.52	112	432505	46.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	158385	47.143	ug/l	99
67) Ethyl Benzene	11.60	91	780997	46.490	ug/l	100
68) m/p-Xylenes	11.70	106	600836	93.732	ug/l	99
69) o-Xylene	12.03	106	292449	47.357	ug/l	98
70) Styrene	12.05	104	510926	48.032	ug/l	99
71) Bromoform	12.21	173	137127	49.463	ug/l #	99
73) Isopropylbenzene	12.33	105	759082	45.759	ug/l	100
74) N-amyl acetate	12.14	43	415484	47.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	269352	47.577	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	250723m	48.509	ug/l	
77) Bromobenzene	12.61	156	176952	45.489	ug/l	98
78) n-propylbenzene	12.67	91	903320	46.620	ug/l	99
79) 2-Chlorotoluene	12.75	91	512397	45.930	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	644063	46.530	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118963	44.759	ug/l #	90
82) 4-Chlorotoluene	12.86	91	534584	47.311	ug/l	99
83) tert-Butylbenzene	13.08	119	540287	44.909	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	648490	46.892	ug/l	99
85) sec-Butylbenzene	13.25	105	762870	46.004	ug/l	100
86) p-Isopropyltoluene	13.37	119	681673	46.746	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	330035	46.812	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	334613	45.564	ug/l	100
89) n-Butylbenzene	13.69	91	636599	46.322	ug/l	100
90) Hexachloroethane	13.96	117	128056	46.424	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	328286	46.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	88579	46.350	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	214546	44.281	ug/l	99
94) Hexachlorobutadiene	15.11	225	100413	43.369	ug/l	97
95) Naphthalene	15.23	128	858901	47.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218963	46.983	ug/l	97

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

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