

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013333.D
 Acq On : 06 Nov 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:02 AM

Quant Time: Nov 07 02:21:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	749304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1123111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1030182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	532432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414496	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	5.48	113	334237	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1273878	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	469704	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	425020	49.229	ug/l	99
3) Chloromethane	1.32	50	445939	47.630	ug/l	98
4) Vinyl Chloride	1.40	62	514706	48.289	ug/l	100
5) Bromomethane	1.63	94	319029	42.951	ug/l	99
6) Chloroethane	1.71	64	285083	46.710	ug/l	100
7) Trichlorofluoromethane	1.92	101	574561	45.626	ug/l	98
8) Diethyl Ether	2.18	74	269226	48.346	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	351148	50.030	ug/l	99
10) Methyl Iodide	2.50	142	424057	48.799	ug/l	98
11) Tert butyl alcohol	3.03	59	499639	213.546	ug/l	100
12) 1,1-Dichloroethene	2.36	96	342966	49.899	ug/l	98
13) Acrolein	2.28	56	288240	227.307	ug/l	99
14) Allyl chloride	2.72	41	643253	51.508	ug/l	98
15) Acrylonitrile	3.13	53	1105340	252.909	ug/l	98
16) Acetone	2.43	43	1132243	255.715	ug/l	100
17) Carbon Disulfide	2.56	76	916154	49.800	ug/l	99
18) Methyl Acetate	2.76	43	618327	50.583	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1222538	53.329	ug/l	99
20) Methylene Chloride	2.84	84	400994	49.016	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	369675	49.397	ug/l	99
22) Diisopropyl ether	3.84	45	1267894	52.587	ug/l	97
23) Vinyl Acetate	3.80	43	5405716	262.018	ug/l	100
24) 1,1-Dichloroethane	3.69	63	674771	50.029	ug/l	99
25) 2-Butanone	4.65	43	1656205	254.975	ug/l	99
26) 2,2-Dichloropropane	4.57	77	559946	52.187	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	438109	52.260	ug/l	98
28) Bromochloromethane	5.00	49	197492	51.571	ug/l	96
29) Tetrahydrofuran	5.11	42	997538	249.208	ug/l	99
30) Chloroform	5.20	83	670943	50.378	ug/l	97
31) Cyclohexane	5.57	56	605753	49.912	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	573221	50.013	ug/l	100
36) 1,1-Dichloropropene	5.79	75	505041	52.418	ug/l	99
37) Ethyl Acetate	4.81	43	598570	50.277	ug/l	100
38) Carbon Tetrachloride	5.77	117	496257	52.671	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	629772	52.458	ug/l	98
40) Benzene	6.13	78	1531603	51.032	ug/l	98
41) Methacrylonitrile	5.03	41	335210	50.233	ug/l	98
42) 1,2-Dichloroethane	6.18	62	557902	51.535	ug/l	99
43) Isopropyl Acetate	6.43	43	984632	53.111	ug/l	99
44) Trichloroethene	7.20	130	415670	50.315	ug/l	98
45) 1,2-Dichloropropane	7.50	63	397004	51.916	ug/l	96
46) Dibromomethane	7.65	93	269248	51.568	ug/l	98
47) Bromodichloromethane	7.89	83	539402	54.786	ug/l	96
48) Methyl methacrylate	7.76	41	495872	53.583	ug/l	98
49) 1,4-Dioxane	7.73	88	207909	981.016	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3086932	253.793	ug/l	99
52) Toluene	8.78	92	973967	52.360	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	609952	56.655	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	657104	54.563	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	410440	53.234	ug/l	99
56) Ethyl methacrylate	9.17	69	669388	50.828	ug/l	98
57) 1,3-Dichloropropane	9.37	76	686190	52.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1399464	265.462	ug/l	99
59) 2-Hexanone	9.48	43	2478499	263.686	ug/l	99
60) Dibromochloromethane	9.57	129	442073	56.063	ug/l	100
61) 1,2-Dibromoethane	9.67	107	429811	52.498	ug/l	99
64) Tetrachloroethene	9.33	164	379320	51.435	ug/l	99
65) Chlorobenzene	10.14	112	1061017	50.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	400255	52.266	ug/l	100
67) Ethyl Benzene	10.25	91	1873022	52.034	ug/l	99
68) m/p-Xylenes	10.35	106	1431851	105.179	ug/l	100
69) o-Xylene	10.70	106	696745	52.277	ug/l	99
70) Styrene	10.71	104	1221409	54.823	ug/l	98
71) Bromoform	10.85	173	347733	49.039	ug/l #	99
73) Isopropylbenzene	11.01	105	1850630	52.424	ug/l	99
74) N-amyl acetate	10.89	43	900686	55.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	655624	50.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	530113m	49.019	ug/l	
77) Bromobenzene	11.25	156	494200	52.514	ug/l	97
78) n-propylbenzene	11.35	91	2129945	54.165	ug/l	99
79) 2-Chlorotoluene	11.42	91	1238250	52.264	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1582008	53.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	228924	54.487	ug/l	96
82) 4-Chlorotoluene	11.51	91	1443788	52.059	ug/l	99
83) tert-Butylbenzene	11.76	119	1595424	53.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1577912	53.495	ug/l	98
85) sec-Butylbenzene	11.94	105	1806863	53.115	ug/l	99
86) p-Isopropyltoluene	12.06	119	1700967	54.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	887417	52.901	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	878366	51.393	ug/l	99
89) n-Butylbenzene	12.39	91	1492461	54.603	ug/l	100
90) Hexachloroethane	12.59	117	303995	54.468	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	877969	52.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	146521	46.699	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	642548	54.935	ug/l	99
94) Hexachlorobutadiene	13.78	225	288892	50.485	ug/l	99
95) Naphthalene	13.83	128	2004984	54.635	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	633718	54.025	ug/l	99

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

