

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008606.D
 Acq On : 03 Apr 2019 09:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:13 PM

Quant Time: Apr 04 04:17:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	18382	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	5.50	113	13065	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	8.71	98	51612	5.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.48%	
62) 4-Bromofluorobenzene	11.13	95	18284	5.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	14392	5.432	ug/l	98
3) Chloromethane	1.32	50	21230	5.800	ug/l	98
4) Vinyl Chloride	1.41	62	20277	5.661	ug/l	97
5) Bromomethane	1.64	94	8865	4.641	ug/l	95
6) Chloroethane	1.71	64	11948	4.748	ug/l	100
7) Trichlorofluoromethane	1.92	101	22244	5.618	ug/l	99
8) Diethyl Ether	2.18	74	10479	5.581	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13968	5.480	ug/l	98
10) Methyl Iodide	2.51	142	8595	4.091	ug/l	99
11) Tert butyl alcohol	3.06	59	21585	27.463	ug/l	99
12) 1,1-Dichloroethene	2.37	96	14046	5.278	ug/l	97
13) Acrolein	2.29	56	11478	29.452	ug/l	100
14) Allyl chloride	2.73	41	32760	5.378	ug/l	99
15) Acrylonitrile	3.14	53	58269	27.985	ug/l	98
16) Acetone	2.45	43	53380	27.606	ug/l	99
17) Carbon Disulfide	2.56	76	42983	5.029	ug/l	100
18) Methyl Acetate	2.78	43	26144	5.575	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	53819	5.663	ug/l	96
20) Methylene Chloride	2.85	84	18317	5.659	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	15951	5.542	ug/l	89
22) Diisopropyl ether	3.86	45	67178	5.722	ug/l	99
23) Vinyl Acetate	3.81	43	283299	27.736	ug/l	100
24) 1,1-Dichloroethane	3.70	63	32553	5.600	ug/l	100
25) 2-Butanone	4.68	43	86227	28.214	ug/l	99
26) 2,2-Dichloropropane	4.58	77	22137	5.407	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	18195	5.498	ug/l	98
28) Bromochloromethane	5.01	49	15249	5.527	ug/l	100
29) Tetrahydrofuran	5.13	42	56332	27.771	ug/l	99
30) Chloroform	5.21	83	29392	5.661	ug/l	99
31) Cyclohexane	5.58	56	33040	5.696	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	22807	5.436	ug/l	98
36) 1,1-Dichloropropene	5.80	75	22439	5.308	ug/l	97
37) Ethyl Acetate	4.84	43	30549	5.414	ug/l	97
38) Carbon Tetrachloride	5.79	117	18998	5.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28927	5.539	ug/l	98
40) Benzene	6.14	78	70547	5.602	ug/l	100
41) Methacrylonitrile	5.04	41	18133	5.591	ug/l	98
42) 1,2-Dichloroethane	6.20	62	25904	5.737	ug/l	99
43) Isopropyl Acetate	6.45	43	48478	5.484	ug/l	100
44) Trichloroethene	7.21	130	16448	5.607	ug/l	96
45) 1,2-Dichloropropane	7.51	63	19888	5.533	ug/l	96
46) Dibromomethane	7.66	93	11551	5.540	ug/l	96
47) Bromodichloromethane	7.90	83	21206	5.395	ug/l	99
48) Methyl methacrylate	7.77	41	24455	5.469	ug/l	99
49) 1,4-Dioxane	7.74	88	9527	113.738	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	165727	29.125	ug/l	99
52) Toluene	8.78	92	42109	5.671	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	22196	5.041	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	26404	5.248	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	16975	5.696	ug/l	99
56) Ethyl methacrylate	9.18	69	30150	5.591	ug/l	99
57) 1,3-Dichloropropane	9.37	76	30517	5.702	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	72313	26.262	ug/l	99
59) 2-Hexanone	9.49	43	128378	29.030	ug/l	100
60) Dibromochloromethane	9.58	129	14950	5.323	ug/l	99
61) 1,2-Dibromoethane	9.67	107	17381	5.602	ug/l	99
64) Tetrachloroethene	9.34	164	14313	5.582	ug/l	94
65) Chlorobenzene	10.13	112	42818	5.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	14405	5.352	ug/l	99
67) Ethyl Benzene	10.25	91	79598	5.564	ug/l	100
68) m/p-Xylenes	10.36	106	57561	11.191	ug/l	100
69) o-Xylene	10.69	106	27883	5.594	ug/l	99
70) Styrene	10.71	104	47347	5.510	ug/l	99
71) Bromoform	10.85	173	10428	5.073	ug/l #	98
73) Isopropylbenzene	11.02	105	74020	5.738	ug/l	99
74) N-amyl acetate	10.90	43	40734	5.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	28329	5.774	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	24101m	5.237	ug/l	
77) Bromobenzene	11.26	156	17496	5.642	ug/l	97
78) n-propylbenzene	11.36	91	85844	5.715	ug/l	99
79) 2-Chlorotoluene	11.42	91	52415	5.766	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	61682	5.696	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7743	4.991	ug/l	87
82) 4-Chlorotoluene	11.51	91	59427	5.648	ug/l	99
83) tert-Butylbenzene	11.77	119	58207	5.587	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	63499	5.791	ug/l	100
85) sec-Butylbenzene	11.94	105	70432	5.692	ug/l	98
86) p-Isopropyltoluene	12.06	119	62796	5.654	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	30698	5.529	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	30777	5.475	ug/l	94
89) n-Butylbenzene	12.38	91	56748	5.448	ug/l	99
90) Hexachloroethane	12.59	117	9654	5.241	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	30768	5.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5504	5.100	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	19536	5.097	ug/l	99
94) Hexachlorobutadiene	13.78	225	10058	5.472	ug/l	98
95) Naphthalene	13.83	128	65925	5.147	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	20179	5.270	ug/l	98

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

