

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007874.D
 Acq On : 07 Mar 2019 10:11
 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
 3/8/2019 9:40:22 AM

Quant Time: Mar 08 04:54:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	338898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	424307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160023	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.50	113	142985	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	8.71	98	544809	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	194461	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148482	51.282	ug/l	100
3) Chloromethane	1.33	50	184782	49.522	ug/l	99
4) Vinyl Chloride	1.41	62	189356	51.074	ug/l	99
5) Bromomethane	1.64	94	90812	52.246	ug/l	99
6) Chloroethane	1.72	64	118182	47.984	ug/l	98
7) Trichlorofluoromethane	1.93	101	243537	50.453	ug/l	98
8) Diethyl Ether	2.19	74	104588	50.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	155991	52.149	ug/l	99
10) Methyl Iodide	2.51	142	229228	54.017	ug/l	99
11) Tert butyl alcohol	3.07	59	185995	232.639	ug/l	100
12) 1,1-Dichloroethene	2.38	96	144838	50.232	ug/l	97
13) Acrolein	2.30	56	107370	237.389	ug/l	98
14) Allyl chloride	2.73	41	302839	49.983	ug/l	100
15) Acrylonitrile	3.15	53	487043	241.347	ug/l	100
16) Acetone	2.45	43	538907	260.435	ug/l	100
17) Carbon Disulfide	2.57	76	454655	51.942	ug/l	99
18) Methyl Acetate	2.78	43	215161	48.944	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	498776	50.282	ug/l	100
20) Methylene Chloride	2.86	84	161326	48.987	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	153992	48.537	ug/l	99
22) Diisopropyl ether	3.87	45	551568	49.661	ug/l	96
23) Vinyl Acetate	3.82	43	2440862	250.611	ug/l	100
24) 1,1-Dichloroethane	3.70	63	296362	49.584	ug/l	99
25) 2-Butanone	4.70	43	718989	245.427	ug/l	98
26) 2,2-Dichloropropane	4.59	77	209571	52.925	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	177942	49.014	ug/l	100
28) Bromochloromethane	5.02	49	126627	45.443	ug/l	100
29) Tetrahydrofuran	5.15	42	437086	239.192	ug/l	100
30) Chloroform	5.21	83	280487	49.610	ug/l	99
31) Cyclohexane	5.57	56	283916	51.684	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	239317	51.016	ug/l	99
36) 1,1-Dichloropropene	5.80	75	221303	51.860	ug/l	99
37) Ethyl Acetate	4.85	43	250528	49.472	ug/l	99
38) Carbon Tetrachloride	5.78	117	214445	52.933	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293277	56.718	ug/l	98
40) Benzene	6.14	78	667352	52.530	ug/l	100
41) Methacrylonitrile	5.06	41	143403	51.940	ug/l	99
42) 1,2-Dichloroethane	6.20	62	214212	51.560	ug/l	100
43) Isopropyl Acetate	6.46	43	394949	52.698	ug/l	100
44) Trichloroethene	7.21	130	183177	52.321	ug/l	97
45) 1,2-Dichloropropane	7.51	63	177168	52.801	ug/l	100
46) Dibromomethane	7.66	93	110055	51.828	ug/l	100
47) Bromodichloromethane	7.90	83	213251	52.969	ug/l	99
48) Methyl methacrylate	7.77	41	208697	52.964	ug/l	99
49) 1,4-Dioxane	7.75	88	81082	1001.713	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1261365	261.706	ug/l	100
52) Toluene	8.78	92	419517	54.088	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	242355	57.675	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	267648	56.404	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	167390	53.313	ug/l	99
56) Ethyl methacrylate	9.18	69	262693	55.724	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279912	53.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	583776	239.394	ug/l	99
59) 2-Hexanone	9.49	43	974693	260.475	ug/l	100
60) Dibromochloromethane	9.58	129	181764	55.385	ug/l	100
61) 1,2-Dibromoethane	9.67	107	177621	53.283	ug/l	100
64) Tetrachloroethene	9.34	164	182666	51.950	ug/l	99
65) Chlorobenzene	10.13	112	464691	52.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	169176	53.163	ug/l	100
67) Ethyl Benzene	10.25	91	793381	54.283	ug/l	100
68) m/p-Xylenes	10.36	106	615576	109.268	ug/l	100
69) o-Xylene	10.69	106	295316	54.297	ug/l	99
70) Styrene	10.71	104	489454	54.994	ug/l	100
71) Bromoform	10.85	173	145219	53.139	ug/l #	100
73) Isopropylbenzene	11.02	105	801243	54.471	ug/l	100
74) N-amyl acetate	10.90	43	341745	50.890	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	245460	48.377	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	240762m	52.752	ug/l	
77) Bromobenzene	11.26	156	209265	51.890	ug/l	100
78) n-propylbenzene	11.36	91	910796	55.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	526600	52.778	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	662389	54.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78917	55.271	ug/l	98
82) 4-Chlorotoluene	11.51	91	611510	53.480	ug/l	100
83) tert-Butylbenzene	11.77	119	658503	53.997	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	676017	54.469	ug/l	100
85) sec-Butylbenzene	11.94	105	807613	56.229	ug/l	100
86) p-Isopropyltoluene	12.06	119	729148	56.686	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	373455	52.343	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374593	51.268	ug/l	100
89) n-Butylbenzene	12.38	91	633006	58.086	ug/l	99
90) Hexachloroethane	12.60	117	119031	55.347	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	364241	51.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51122	48.210	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	272921	54.813	ug/l	100
94) Hexachlorobutadiene	13.78	225	146478	56.268	ug/l	99
95) Naphthalene	13.83	128	771644	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268280	54.088	ug/l	99

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

