

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007990.D
 Acq On : 12 Mar 2019 00:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:21:05 PM

Quant Time: Mar 12 09:27:52 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	232042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123751	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.51	113	111764	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	8.71	98	415218	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	146425	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92142	46.479	ug/l	99
3) Chloromethane	1.33	50	117867	46.135	ug/l	100
4) Vinyl Chloride	1.41	62	124388	49.001	ug/l	99
5) Bromomethane	1.64	94	64534	54.269	ug/l	98
6) Chloroethane	1.72	64	77923	46.207	ug/l	100
7) Trichlorofluoromethane	1.93	101	166887	50.495	ug/l	97
8) Diethyl Ether	2.19	74	72974	50.989	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101662	49.637	ug/l	99
10) Methyl Iodide	2.51	142	156869	53.989	ug/l	99
11) Tert butyl alcohol	3.08	59	144008	263.069	ug/l	99
12) 1,1-Dichloroethene	2.38	96	99954	50.629	ug/l	96
13) Acrolein	2.30	56	86095	277.745	ug/l	99
14) Allyl chloride	2.73	41	198445	47.835	ug/l	99
15) Acrylonitrile	3.15	53	339577	245.762	ug/l	100
16) Acetone	2.45	43	279842	197.515	ug/l	99
17) Carbon Disulfide	2.57	76	296070	49.379	ug/l	100
18) Methyl Acetate	2.78	43	160163	53.211	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	353013	51.976	ug/l	100
20) Methylene Chloride	2.86	84	111378	49.394	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	106835	49.181	ug/l	98
22) Diisopropyl ether	3.87	45	372135	48.935	ug/l	99
23) Vinyl Acetate	3.82	43	1610893	241.561	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203483	49.722	ug/l	99
25) 2-Butanone	4.70	43	460939	229.798	ug/l	99
26) 2,2-Dichloropropane	4.59	77	118718	43.787	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	124134	49.938	ug/l	97
28) Bromochloromethane	5.02	49	92786	48.632	ug/l	96
29) Tetrahydrofuran	5.15	42	309926	247.708	ug/l	98
30) Chloroform	5.21	83	196461	50.750	ug/l	98
31) Cyclohexane	5.58	56	183859	48.883	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	166510	51.841	ug/l	98
36) 1,1-Dichloropropene	5.80	75	147613	48.262	ug/l	98
37) Ethyl Acetate	4.85	43	173841	47.896	ug/l	99
38) Carbon Tetrachloride	5.79	117	147240	50.708	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180875	48.804	ug/l	99
40) Benzene	6.15	78	458838	50.391	ug/l	98
41) Methacrylonitrile	5.06	41	98308	49.679	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148207	49.771	ug/l	99
43) Isopropyl Acetate	6.46	43	268905	50.060	ug/l	99
44) Trichloroethene	7.21	130	149628	59.629	ug/l	98
45) 1,2-Dichloropropane	7.52	63	121298	50.437	ug/l	98
46) Dibromomethane	7.66	93	76862	50.502	ug/l	99
47) Bromodichloromethane	7.90	83	146288	50.696	ug/l	100
48) Methyl methacrylate	7.77	41	140350	49.696	ug/l	98
49) 1,4-Dioxane	7.75	88	59327	1022.611	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	864930	250.376	ug/l	99
52) Toluene	8.79	92	283006	50.908	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158255	52.545	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	176989	52.039	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116554	51.793	ug/l	99
56) Ethyl methacrylate	9.18	69	177156	52.431	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191093	50.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	480572	274.957	ug/l	98
59) 2-Hexanone	9.49	43	650547	242.558	ug/l	99
60) Dibromochloromethane	9.58	129	122452	52.059	ug/l	98
61) 1,2-Dibromoethane	9.67	107	124088	51.935	ug/l	99
64) Tetrachloroethene	9.33	164	127745	52.458	ug/l	98
65) Chlorobenzene	10.14	112	309390	50.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115828	52.556	ug/l	100
67) Ethyl Benzene	10.25	91	523328	51.700	ug/l	100
68) m/p-Xylenes	10.36	106	404583	103.695	ug/l	100
69) o-Xylene	10.70	106	195630	51.935	ug/l	100
70) Styrene	10.71	104	326896	53.033	ug/l	100
71) Bromoform	10.86	173	98378	51.979	ug/l #	99
73) Isopropylbenzene	11.02	105	525076	51.306	ug/l	100
74) N-amyl acetate	10.90	43	228370	48.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	171282	48.519	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	160935m	50.682	ug/l	
77) Bromobenzene	11.26	156	141671	50.491	ug/l	99
78) n-propylbenzene	11.36	91	583809	51.420	ug/l	99
79) 2-Chlorotoluene	11.42	91	345125	49.716	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	438911	52.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48914	49.239	ug/l	100
82) 4-Chlorotoluene	11.51	91	401929	50.523	ug/l	100
83) tert-Butylbenzene	11.77	119	441499	52.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	449217	52.023	ug/l	100
85) sec-Butylbenzene	11.94	105	524100	52.446	ug/l	99
86) p-Isopropyltoluene	12.06	119	470962	52.624	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	248774	50.116	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	248799	48.941	ug/l	100
89) n-Butylbenzene	12.39	91	389388	51.356	ug/l	99
90) Hexachloroethane	12.60	117	76508	51.131	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248597	50.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36828	49.917	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	178348	51.482	ug/l	99
94) Hexachlorobutadiene	13.78	225	93841	51.812	ug/l	100
95) Naphthalene	13.83	128	534326	53.530	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180187	52.213	ug/l	99

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

