

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007992.D
 Acq On : 12 Mar 2019 03:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 3:23:55 PM

Quant Time: Mar 12 09:30:07 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	208540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121185	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	5.50	113	106058	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	8.71	98	385661	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.13	95	144001	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	76566	42.974	ug/l	99
3) Chloromethane	1.33	50	105593	45.989	ug/l	100
4) Vinyl Chloride	1.41	62	102118	44.761	ug/l	99
5) Bromomethane	1.64	94	59212	55.429	ug/l	99
6) Chloroethane	1.72	64	71602	47.244	ug/l	100
7) Trichlorofluoromethane	1.93	101	136052	45.804	ug/l	97
8) Diethyl Ether	2.19	74	70862	55.093	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85919	46.678	ug/l	99
10) Methyl Iodide	2.51	142	141249	54.092	ug/l	98
11) Tert butyl alcohol	3.07	59	138597	281.718	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83440	47.028	ug/l	99
13) Acrolein	2.29	56	85445	306.552	ug/l	99
14) Allyl chloride	2.73	41	175256	47.007	ug/l	99
15) Acrylonitrile	3.15	53	331635	267.064	ug/l	100
16) Acetone	2.45	43	271065	212.881	ug/l	99
17) Carbon Disulfide	2.57	76	248604	46.105	ug/l	99
18) Methyl Acetate	2.78	43	153755	56.839	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	347117	56.868	ug/l	100
20) Methylene Chloride	2.85	84	107585	53.089	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	94648	48.481	ug/l	98
22) Diisopropyl ether	3.87	45	355723	52.049	ug/l	98
23) Vinyl Acetate	3.82	43	1563998	260.960	ug/l	98
24) 1,1-Dichloroethane	3.70	63	187858	51.077	ug/l	99
25) 2-Butanone	4.70	43	444876	246.785	ug/l	97
26) 2,2-Dichloropropane	4.58	77	91699	37.633	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	113462	50.789	ug/l	95
28) Bromochloromethane	5.01	49	89510	52.202	ug/l	97
29) Tetrahydrofuran	5.15	42	297830	264.867	ug/l	99
30) Chloroform	5.21	83	180189	51.792	ug/l	100
31) Cyclohexane	5.57	56	152829	45.212	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140024	48.508	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125486	44.711	ug/l	99
37) Ethyl Acetate	4.85	43	169014	50.746	ug/l	99
38) Carbon Tetrachloride	5.78	117	121874	45.740	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155163	45.625	ug/l	98
40) Benzene	6.14	78	415175	49.689	ug/l	100
41) Methacrylonitrile	5.05	41	95814	52.766	ug/l	99
42) 1,2-Dichloroethane	6.20	62	141510	51.788	ug/l	100
43) Isopropyl Acetate	6.46	43	263779	53.514	ug/l	99
44) Trichloroethene	7.21	130	113807	49.426	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115373	52.280	ug/l	99
46) Dibromomethane	7.66	93	74375	53.255	ug/l	98
47) Bromodichloromethane	7.90	83	138734	52.395	ug/l	98
48) Methyl methacrylate	7.77	41	139275	53.742	ug/l	98
49) 1,4-Dioxane	7.75	88	57733	1084.476	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	846200	266.945	ug/l	99
52) Toluene	8.78	92	260729	51.112	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	151656	54.875	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	167305	53.608	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114867	55.626	ug/l	99
56) Ethyl methacrylate	9.18	69	177886	57.373	ug/l	97
57) 1,3-Dichloropropane	9.37	76	189100	54.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	461208	287.568	ug/l	99
59) 2-Hexanone	9.49	43	629326	255.712	ug/l	99
60) Dibromochloromethane	9.58	129	120421	55.791	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122155	55.716	ug/l	99
64) Tetrachloroethene	9.34	164	118180	49.233	ug/l	98
65) Chlorobenzene	10.13	112	298530	49.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111241	51.206	ug/l	100
67) Ethyl Benzene	10.25	91	484891	48.598	ug/l	100
68) m/p-Xylenes	10.36	106	379399	98.650	ug/l	100
69) o-Xylene	10.69	106	185609	49.989	ug/l	100
70) Styrene	10.71	104	315717	51.962	ug/l	99
71) Bromoform	10.85	173	96138	51.532	ug/l #	99
73) Isopropylbenzene	11.02	105	482557	47.366	ug/l	100
74) N-amyl acetate	10.90	43	223451	48.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	166314	47.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161421m	51.066	ug/l	
77) Bromobenzene	11.26	156	137311	49.159	ug/l	98
78) n-propylbenzene	11.36	91	538877	47.678	ug/l	100
79) 2-Chlorotoluene	11.42	91	331364	47.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	408893	48.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46558	47.080	ug/l	99
82) 4-Chlorotoluene	11.51	91	381924	48.226	ug/l	99
83) tert-Butylbenzene	11.77	119	394700	46.730	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	423717	49.293	ug/l	100
85) sec-Butylbenzene	11.94	105	476378	47.888	ug/l	99
86) p-Isopropyltoluene	12.06	119	430780	48.353	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241906	48.954	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	243430	48.103	ug/l	100
89) n-Butylbenzene	12.38	91	360697	47.788	ug/l	100
90) Hexachloroethane	12.60	117	71130	47.753	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	243692	49.641	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35305	48.071	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	177355	51.428	ug/l	100
94) Hexachlorobutadiene	13.78	225	85620	47.488	ug/l	99
95) Naphthalene	13.83	128	529921	53.331	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178136	51.853	ug/l	99

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

