

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030119\
 Data File : VX007780.D
 Acq On : 01 Mar 2019 10:30
 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
 3/4/2019 1:35:51 PM

Quant Time: Mar 01 13:37:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	370353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	517816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	466957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203971	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
35) Dibromofluoromethane	5.50	113	176181	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	669216	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	241379	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164167	48.119	ug/l	99
3) Chloromethane	1.33	50	183219	48.463	ug/l	99
4) Vinyl Chloride	1.41	62	188103	48.496	ug/l	99
5) Bromomethane	1.64	94	105308	42.882	ug/l	99
6) Chloroethane	1.72	64	126528	51.059	ug/l	99
7) Trichlorofluoromethane	1.93	101	270966	45.570	ug/l	100
8) Diethyl Ether	2.19	74	112156	45.959	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	168579	46.907	ug/l	98
10) Methyl Iodide	2.51	142	240963	53.845	ug/l	99
11) Tert butyl alcohol	3.06	59	200495	230.346	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153527	47.391	ug/l	94
13) Acrolein	2.29	56	175495	226.897	ug/l	100
14) Allyl chloride	2.73	41	314526	52.508	ug/l	94
15) Acrylonitrile	3.15	53	509910	248.938	ug/l	99
16) Acetone	2.45	43	534108	261.809	ug/l	99
17) Carbon Disulfide	2.57	76	424613	47.113	ug/l	99
18) Methyl Acetate	2.78	43	237855	53.431	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	545562	48.360	ug/l	99
20) Methylene Chloride	2.86	84	171426	45.507	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	163132	46.320	ug/l	94
22) Diisopropyl ether	3.87	45	598742	48.017	ug/l	97
23) Vinyl Acetate	3.82	43	2638937	241.216	ug/l	97
24) 1,1-Dichloroethane	3.70	63	317667	46.875	ug/l	97
25) 2-Butanone	4.70	43	804332	258.832	ug/l	95
26) 2,2-Dichloropropane	4.59	77	263504	48.711	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	201309	44.923	ug/l	92
28) Bromochloromethane	5.01	49	158479	48.036	ug/l	86
29) Tetrahydrofuran	5.15	42	501924	245.031	ug/l	93
30) Chloroform	5.21	83	328302	45.226	ug/l	100
31) Cyclohexane	5.57	56	317026	49.732	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	283746	47.263	ug/l	98
36) 1,1-Dichloropropene	5.80	75	253896	54.538	ug/l	97
37) Ethyl Acetate	4.85	43	290178	56.113	ug/l	99
38) Carbon Tetrachloride	5.78	117	251605	53.804	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	330233	56.127	ug/l	94
40) Benzene	6.14	78	760855	52.945	ug/l	99
41) Methacrylonitrile	5.06	41	163729	59.292	ug/l	96
42) 1,2-Dichloroethane	6.20	62	256298	53.062	ug/l	100
43) Isopropyl Acetate	6.45	43	455372	57.215	ug/l	99
44) Trichloroethene	7.21	130	211441	53.485	ug/l	95
45) 1,2-Dichloropropane	7.51	63	203805	54.748	ug/l	99
46) Dibromomethane	7.66	93	127530	49.106	ug/l	98
47) Bromodichloromethane	7.90	83	245777	54.610	ug/l	99
48) Methyl methacrylate	7.77	41	241930	57.989	ug/l	91
49) 1,4-Dioxane	7.75	88	86880	964.184	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1465872	275.149	ug/l	100
52) Toluene	8.78	92	484056	53.416	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	283956	50.708	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	310505	56.853	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	193776	51.278	ug/l	98
56) Ethyl methacrylate	9.18	69	300622	55.941	ug/l	94
57) 1,3-Dichloropropane	9.37	76	324499	53.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	730789	246.603	ug/l	97
59) 2-Hexanone	9.49	43	1128488	269.804	ug/l	99
60) Dibromochloromethane	9.58	129	205712	56.574	ug/l	99
61) 1,2-Dibromoethane	9.67	107	204581	52.143	ug/l	99
64) Tetrachloroethene	9.34	164	217025	57.250	ug/l	99
65) Chlorobenzene	10.13	112	531965	52.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	196582	55.802	ug/l	99
67) Ethyl Benzene	10.25	91	912767	54.558	ug/l	100
68) m/p-Xylenes	10.36	106	707675	108.730	ug/l	97
69) o-Xylene	10.69	106	339736	54.267	ug/l	96
70) Styrene	10.71	104	565704	54.975	ug/l	100
71) Bromoform	10.85	173	161164	61.007	ug/l	99
73) Isopropylbenzene	11.02	105	926040	52.322	ug/l	100
74) N-amyl acetate	10.90	43	398777	51.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	280694	45.854	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	238157m	45.118	ug/l	
77) Bromobenzene	11.26	156	240695	54.220	ug/l	94
78) n-propylbenzene	11.36	91	1053153	52.658	ug/l	98
79) 2-Chlorotoluene	11.42	91	610031	50.657	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	763582	52.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92221	47.009	ug/l	93
82) 4-Chlorotoluene	11.51	91	711577	50.511	ug/l	98
83) tert-Butylbenzene	11.77	119	754611	53.986	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	776890	52.169	ug/l	99
85) sec-Butylbenzene	11.94	105	932388	53.231	ug/l	99
86) p-Isopropyltoluene	12.06	119	843522	54.989	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	435458	52.883	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	435457	51.636	ug/l	100
89) n-Butylbenzene	12.38	91	732322	53.531	ug/l	99
90) Hexachloroethane	12.60	117	137176	53.073	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	426550	51.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61857	46.377	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	313607	62.357	ug/l	100
94) Hexachlorobutadiene	13.78	225	166640	72.430	ug/l	99
95) Naphthalene	13.83	128	889478	54.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310234	61.435	ug/l	100

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

