

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122718\
 Data File : VX006846.D
 Acq On : 27 Dec 2018 16:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:28:20 AM

Quant Time: Dec 28 06:07:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	559900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	824913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	752117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	287685	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	264520	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	958752	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	356168	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	205479	40.116	ug/l	98
3) Chloromethane	1.33	50	231291	41.913	ug/l	96
4) Vinyl Chloride	1.41	62	251161	43.579	ug/l	100
5) Bromomethane	1.64	94	223567	41.232	ug/l	96
6) Chloroethane	1.71	64	166909	41.825	ug/l	95
7) Trichlorofluoromethane	1.93	101	403217	44.874	ug/l	99
8) Diethyl Ether	2.19	74	164207	46.010	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	238323	45.172	ug/l	99
10) Methyl Iodide	2.51	142	353687	46.833	ug/l	100
11) Tert butyl alcohol	3.07	59	292374	217.103	ug/l	99
12) 1,1-Dichloroethene	2.37	96	222447	44.467	ug/l	96
13) Acrolein	2.30	56	222958	245.414	ug/l	100
14) Allyl chloride	2.73	41	396416	47.078	ug/l	99
15) Acrylonitrile	3.15	53	733002	245.143	ug/l	100
16) Acetone	2.45	43	609647	219.901	ug/l	99
17) Carbon Disulfide	2.57	76	486067	36.716	ug/l	99
18) Methyl Acetate	2.78	43	448317	54.994	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	830640	50.028	ug/l	100
20) Methylene Chloride	2.85	84	259626	45.288	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	236770	42.716	ug/l	97
22) Diisopropyl ether	3.87	45	757480	49.172	ug/l	94
23) Vinyl Acetate	3.82	43	3057435	242.642	ug/l	99
24) 1,1-Dichloroethane	3.70	63	415041	45.133	ug/l	98
25) 2-Butanone	4.70	43	901128	231.077	ug/l	99
26) 2,2-Dichloropropane	4.59	77	306621	43.165	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	277627	45.397	ug/l	99
28) Bromochloromethane	5.02	49	197293	50.929	ug/l	97
29) Tetrahydrofuran	5.15	42	602003	234.383	ug/l	98
30) Chloroform	5.21	83	439582	46.161	ug/l	96
31) Cyclohexane	5.57	56	332032	39.744	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	375768	46.732	ug/l	98
36) 1,1-Dichloropropene	5.80	75	307118	44.952	ug/l	99
37) Ethyl Acetate	4.85	43	354020	49.784	ug/l	99
38) Carbon Tetrachloride	5.79	117	313085	47.153	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	343082	38.142	ug/l	98
40) Benzene	6.14	78	968589	46.639	ug/l	99
41) Methacrylonitrile	5.06	41	199072	52.729	ug/l	98
42) 1,2-Dichloroethane	6.20	62	328872	46.473	ug/l	99
43) Isopropyl Acetate	6.46	43	580011	53.606	ug/l	98
44) Trichloroethene	7.21	130	280666	44.652	ug/l	93
45) 1,2-Dichloropropane	7.52	63	251730	49.810	ug/l	97
46) Dibromomethane	7.66	93	177025	47.622	ug/l	98
47) Bromodichloromethane	7.90	83	308547	49.995	ug/l	97
48) Methyl methacrylate	7.77	41	295625	53.729	ug/l	97
49) 1,4-Dioxane	7.75	88	116472	805.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1835396	266.606	ug/l	99
52) Toluene	8.79	92	625410	46.614	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	342779	51.787	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379603	52.268	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	270671	49.287	ug/l	99
56) Ethyl methacrylate	9.18	69	410085	52.834	ug/l	95
57) 1,3-Dichloropropane	9.37	76	430066	48.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1093423	265.013	ug/l	99
59) 2-Hexanone	9.49	43	1369150	259.933	ug/l	99
60) Dibromochloromethane	9.59	129	271482	47.393	ug/l	97
61) 1,2-Dibromoethane	9.67	107	285406	48.889	ug/l	99
64) Tetrachloroethene	9.34	164	258306	43.372	ug/l	97
65) Chlorobenzene	10.14	112	743018	46.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	261962	52.768	ug/l	100
67) Ethyl Benzene	10.25	91	1206044	46.385	ug/l	98
68) m/p-Xylenes	10.36	106	946624	92.265	ug/l	98
69) o-Xylene	10.70	106	478046	47.185	ug/l	99
70) Styrene	10.71	104	779536	48.635	ug/l	99
71) Bromoform	10.86	173	202056	45.557	ug/l #	99
73) Isopropylbenzene	11.02	105	1210443	46.112	ug/l	99
74) N-amyl acetate	10.90	43	536874	57.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	404651	51.833	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	375826m	52.705	ug/l	
77) Bromobenzene	11.26	156	353743	49.846	ug/l	98
78) n-propylbenzene	11.36	91	1333720	46.139	ug/l	99
79) 2-Chlorotoluene	11.42	91	810345	46.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	971509	44.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110637	47.453	ug/l	100
82) 4-Chlorotoluene	11.51	91	949775	47.267	ug/l	100
83) tert-Butylbenzene	11.77	119	1002176	46.313	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1007189	44.288	ug/l	99
85) sec-Butylbenzene	11.94	105	1139610	42.954	ug/l	100
86) p-Isopropyltoluene	12.06	119	1036597	44.447	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	598027	46.757	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	603885	46.057	ug/l	99
89) n-Butylbenzene	12.38	91	870611	43.864	ug/l	99
90) Hexachloroethane	12.60	117	149971	41.675	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	590111	46.122	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79382	49.143	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	382012	43.284	ug/l	99
94) Hexachlorobutadiene	13.78	225	166598	40.048	ug/l	99
95) Naphthalene	13.83	128	1181817	41.955	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	375297	41.185	ug/l	98

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

