

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122118\
 Data File : VX006713.D
 Acq On : 21 Dec 2018 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:20:53 AM

Quant Time: Dec 22 04:18:01 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	654895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	954779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	852706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	329704	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
35) Dibromofluoromethane	5.50	113	306904	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	1135246	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	403686	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	267091	44.581	ug/l	98
3) Chloromethane	1.33	50	262937	40.737	ug/l	99
4) Vinyl Chloride	1.41	62	304193	45.125	ug/l	100
5) Bromomethane	1.64	94	274823	43.434	ug/l	97
6) Chloroethane	1.71	64	197286	42.266	ug/l	95
7) Trichlorofluoromethane	1.93	101	495014	47.099	ug/l	97
8) Diethyl Ether	2.19	74	190300	45.587	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	299816	48.585	ug/l	100
10) Methyl Iodide	2.51	142	285829	32.357	ug/l	99
11) Tert butyl alcohol	3.07	59	367803	233.497	ug/l	99
12) 1,1-Dichloroethene	2.37	96	268411	45.872	ug/l	98
13) Acrolein	2.29	56	208078	195.813	ug/l	99
14) Allyl chloride	2.73	41	463550	47.065	ug/l	99
15) Acrylonitrile	3.15	53	849500	242.893	ug/l	100
16) Acetone	2.45	43	918082	283.119	ug/l	98
17) Carbon Disulfide	2.57	76	651765	42.091	ug/l	100
18) Methyl Acetate	2.78	43	474915	49.806	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	950493	48.943	ug/l	99
20) Methylene Chloride	2.85	84	300620	44.832	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	288641	44.521	ug/l	97
22) Diisopropyl ether	3.87	45	875789	48.605	ug/l	93
23) Vinyl Acetate	3.82	43	3581621	243.012	ug/l	99
24) 1,1-Dichloroethane	3.70	63	499585	46.447	ug/l	99
25) 2-Butanone	4.70	43	1162620	254.886	ug/l	100
26) 2,2-Dichloropropane	4.59	77	385541	46.402	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	335951	46.966	ug/l	100
28) Bromochloromethane	5.02	49	224287	49.445	ug/l	99
29) Tetrahydrofuran	5.15	42	726204	241.727	ug/l	99
30) Chloroform	5.21	83	523622	47.010	ug/l	98
31) Cyclohexane	5.57	56	450108	46.062	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	447141	47.542	ug/l	99
36) 1,1-Dichloropropene	5.80	75	389819	49.296	ug/l	99
37) Ethyl Acetate	4.85	43	414412	50.350	ug/l	99
38) Carbon Tetrachloride	5.78	117	387207	50.384	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	514450	49.415	ug/l	98
40) Benzene	6.14	78	1186039	49.342	ug/l	97
41) Methacrylonitrile	5.06	41	232464	53.198	ug/l	98
42) 1,2-Dichloroethane	6.20	62	394780	48.198	ug/l	100
43) Isopropyl Acetate	6.46	43	663047	52.946	ug/l	99
44) Trichloroethene	7.21	130	351535	48.319	ug/l	96
45) 1,2-Dichloropropane	7.51	63	297241	50.816	ug/l	97
46) Dibromomethane	7.66	93	209947	48.796	ug/l	98
47) Bromodichloromethane	7.90	83	362831	50.794	ug/l	96
48) Methyl methacrylate	7.77	41	334926	52.592	ug/l	99
49) 1,4-Dioxane	7.75	88	167705	1006.610	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2077678	260.749	ug/l	99
52) Toluene	8.79	92	778727	50.147	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	407933	53.248	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	453879	53.994	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	315392	49.619	ug/l	98
56) Ethyl methacrylate	9.18	69	464689	51.725	ug/l	97
57) 1,3-Dichloropropane	9.37	76	500805	48.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1209772	253.330	ug/l	100
59) 2-Hexanone	9.49	43	1619445	265.633	ug/l	100
60) Dibromochloromethane	9.59	129	316158	47.671	ug/l	98
61) 1,2-Dibromoethane	9.67	107	345291	51.102	ug/l	99
64) Tetrachloroethene	9.34	164	336496	49.836	ug/l	97
65) Chlorobenzene	10.14	112	900464	49.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	309555	54.999	ug/l	99
67) Ethyl Benzene	10.25	91	1481490	50.257	ug/l	99
68) m/p-Xylenes	10.36	106	1168380	100.445	ug/l	100
69) o-Xylene	10.70	106	570406	49.660	ug/l	98
70) Styrene	10.71	104	918992	50.572	ug/l	99
71) Bromoform	10.86	173	228361	45.429	ug/l #	100
73) Isopropylbenzene	11.02	105	1528961	50.876	ug/l	99
74) N-amyl acetate	10.90	43	581427	54.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	456021	51.022	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	420848m	51.550	ug/l	
77) Bromobenzene	11.26	156	401841	49.458	ug/l	99
78) n-propylbenzene	11.36	91	1719860	51.969	ug/l	99
79) 2-Chlorotoluene	11.42	91	989941	49.361	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1258286	50.833	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	119464	44.996	ug/l	97
82) 4-Chlorotoluene	11.51	91	1148343	49.917	ug/l	100
83) tert-Butylbenzene	11.77	119	1279544	51.648	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1286486	49.411	ug/l	100
85) sec-Butylbenzene	11.94	105	1549260	51.005	ug/l	100
86) p-Isopropyltoluene	12.07	119	1402019	52.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	731959	49.987	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	729965	48.628	ug/l	99
89) n-Butylbenzene	12.39	91	1222556	53.802	ug/l	99
90) Hexachloroethane	12.60	117	198901	47.756	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	709383	48.428	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95192	51.474	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	523339	51.794	ug/l	99
94) Hexachlorobutadiene	13.79	225	250307	52.557	ug/l	98
95) Naphthalene	13.83	128	1586574	49.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	518356	49.687	ug/l	98

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

