

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122818\
 Data File : VX006869.D
 Acq On : 28 Dec 2018 18:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/2/2019 10:47:11 AM

Quant Time: Dec 29 00:44:45 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	569156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	842477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	747657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	293542	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	269595	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	982990	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	347015	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	199572	38.329	ug/l	98
3) Chloromethane	1.33	50	224546	40.029	ug/l	99
4) Vinyl Chloride	1.41	62	255919	43.682	ug/l	98
5) Bromomethane	1.64	94	235469	42.793	ug/l	98
6) Chloroethane	1.71	64	168144	41.449	ug/l	99
7) Trichlorofluoromethane	1.92	101	420652	46.053	ug/l	97
8) Diethyl Ether	2.19	74	173551	47.837	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	243624	45.426	ug/l	99
10) Methyl Iodide	2.51	142	375279	48.883	ug/l	100
11) Tert butyl alcohol	3.08	59	303400	221.627	ug/l	99
12) 1,1-Dichloroethene	2.37	96	230696	45.366	ug/l	97
13) Acrolein	2.29	56	207903	225.122	ug/l	97
14) Allyl chloride	2.73	41	408360	47.707	ug/l	99
15) Acrylonitrile	3.15	53	765267	251.771	ug/l	100
16) Acetone	2.45	43	616525	218.765	ug/l	98
17) Carbon Disulfide	2.57	76	479416	35.625	ug/l	99
18) Methyl Acetate	2.78	43	460079	55.519	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	876459	51.929	ug/l	100
20) Methylene Chloride	2.85	84	271623	46.610	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	244916	43.468	ug/l	98
22) Diisopropyl ether	3.87	45	786668	50.236	ug/l	95
23) Vinyl Acetate	3.82	43	3140442	245.177	ug/l	100
24) 1,1-Dichloroethane	3.70	63	430742	46.079	ug/l	99
25) 2-Butanone	4.70	43	913137	230.348	ug/l	100
26) 2,2-Dichloropropane	4.58	77	290755	40.266	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	289989	46.648	ug/l	99
28) Bromochloromethane	5.02	49	205010	52.104	ug/l	98
29) Tetrahydrofuran	5.15	42	621226	237.934	ug/l	98
30) Chloroform	5.21	83	454621	46.964	ug/l	96
31) Cyclohexane	5.57	56	348517	41.039	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	380793	46.587	ug/l	99
36) 1,1-Dichloropropene	5.80	75	317624	45.520	ug/l	99
37) Ethyl Acetate	4.85	43	365277	50.297	ug/l	98
38) Carbon Tetrachloride	5.78	117	317037	46.752	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	358419	39.017	ug/l	99
40) Benzene	6.14	78	1000101	47.153	ug/l	99
41) Methacrylonitrile	5.06	41	203336	52.735	ug/l	99
42) 1,2-Dichloroethane	6.20	62	345005	47.736	ug/l	99
43) Isopropyl Acetate	6.46	43	586940	53.116	ug/l	99
44) Trichloroethene	7.21	130	293345	45.696	ug/l	97
45) 1,2-Dichloropropane	7.52	63	261566	50.678	ug/l	98
46) Dibromomethane	7.66	93	179459	47.270	ug/l	96
47) Bromodichloromethane	7.90	83	309401	49.088	ug/l	99
48) Methyl methacrylate	7.77	41	299508	53.300	ug/l	97
49) 1,4-Dioxane	7.75	88	118700	803.428	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1818461	258.639	ug/l	99
52) Toluene	8.78	92	641666	46.829	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	347180	51.359	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	382865	51.618	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	278328	49.625	ug/l	99
56) Ethyl methacrylate	9.18	69	405393	51.140	ug/l	95
57) 1,3-Dichloropropane	9.37	76	441004	48.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1102569	261.658	ug/l	99
59) 2-Hexanone	9.49	43	1340624	249.212	ug/l	99
60) Dibromochloromethane	9.59	129	268502	45.969	ug/l	100
61) 1,2-Dibromoethane	9.67	107	296553	49.739	ug/l	100
64) Tetrachloroethene	9.34	164	276772	46.750	ug/l	95
65) Chlorobenzene	10.14	112	754507	47.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	271640	55.044	ug/l	98
67) Ethyl Benzene	10.25	91	1222388	47.294	ug/l	99
68) m/p-Xylenes	10.36	106	961391	94.263	ug/l	99
69) o-Xylene	10.70	106	473830	47.048	ug/l	97
70) Styrene	10.71	104	770515	48.358	ug/l	99
71) Bromoform	10.86	173	194480	44.253	ug/l #	98
73) Isopropylbenzene	11.02	105	1238304	48.075	ug/l	99
74) N-amyl acetate	10.90	43	525060	56.949	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	400442	52.274	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	366803m	52.422	ug/l	
77) Bromobenzene	11.26	156	344105	49.414	ug/l	99
78) n-propylbenzene	11.36	91	1363394	48.067	ug/l	99
79) 2-Chlorotoluene	11.42	91	806193	46.901	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1010562	47.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100637	44.297	ug/l	97
82) 4-Chlorotoluene	11.51	91	942756	47.814	ug/l	100
83) tert-Butylbenzene	11.77	119	1027235	48.377	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1034310	46.349	ug/l	100
85) sec-Butylbenzene	11.94	105	1180570	45.348	ug/l	100
86) p-Isopropyltoluene	12.07	119	1062270	46.418	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	600041	47.810	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	603284	46.890	ug/l	99
89) n-Butylbenzene	12.38	91	891686	45.784	ug/l	99
90) Hexachloroethane	12.60	117	152179	42.984	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	597625	47.602	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78770	49.696	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	400715	46.271	ug/l	99
94) Hexachlorobutadiene	13.78	225	171926	42.119	ug/l	99
95) Naphthalene	13.83	128	1247496	45.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	388408	43.438	ug/l	99

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

