

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004399.D
 Acq On : 06 Sep 2018 21:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:56 PM

Quant Time: Sep 07 08:03:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	322723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	490114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209803	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	184136	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	676333	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	263318	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	137289	36.73	ug/l	97
3) Chloromethane	1.32	50	180553	43.74	ug/l	99
4) Vinyl Chloride	1.40	62	192620	45.55	ug/l	98
5) Bromomethane	1.63	94	85883	40.83	ug/l	98
6) Chloroethane	1.71	64	142798	47.63	ug/l	100
7) Trichlorofluoromethane	1.92	101	261138	45.07	ug/l	95
8) Diethyl Ether	2.18	74	134405	54.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161936	44.62	ug/l	99
10) Methyl Iodide	2.51	142	206784	50.45	ug/l	98
11) Tert butyl alcohol	3.08	59	250558	279.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	161874	47.35	ug/l	96
13) Acrolein	2.29	56	47955	221.84	ug/l	100
14) Allyl chloride	2.72	41	322002	51.26	ug/l	96
15) Acrylonitrile	3.15	53	609848	274.64	ug/l	100
16) Acetone	2.45	43	482800	282.22	ug/l	98
17) Carbon Disulfide	2.56	76	382503	40.44	ug/l	99
18) Methyl Acetate	2.78	43	440301	70.54	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	625169	55.49	ug/l	97
20) Methylene Chloride	2.85	84	201636	49.80	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	179561	47.45	ug/l	96
22) Diisopropyl ether	3.87	45	634324	54.09	ug/l	99
23) Vinyl Acetate	3.82	43	2381300	250.52	ug/l	99
24) 1,1-Dichloroethane	3.69	63	355637	52.03	ug/l	100
25) 2-Butanone	4.71	43	781555	277.61	ug/l	99
26) 2,2-Dichloropropane	4.58	77	201169	37.53	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	218283	50.86	ug/l	97
28) Bromochloromethane	5.01	49	160193	52.94	ug/l	100
29) Tetrahydrofuran	5.16	42	499570	276.43	ug/l	99
30) Chloroform	5.21	83	354353	51.71	ug/l	98
31) Cyclohexane	5.57	56	268747	45.57	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	287080	50.24	ug/l	99
36) 1,1-Dichloropropene	5.79	75	250079	45.39	ug/l	99
37) Ethyl Acetate	4.86	43	275918	50.92	ug/l	99
38) Carbon Tetrachloride	5.78	117	237605	45.84	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	273100	43.41	ug/l	99
40) Benzene	6.14	78	806810	49.00	ug/l	99
41) Methacrylonitrile	5.06	41	167566	53.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	273730	48.74	ug/l	99
43) Isopropyl Acetate	6.46	43	445705	53.53	ug/l	99
44) Trichloroethene	7.21	130	216700	47.55	ug/l	98
45) 1,2-Dichloropropane	7.52	63	213927	51.92	ug/l	99
46) Dibromomethane	7.66	93	133766	48.75	ug/l	98
47) Bromodichloromethane	7.90	83	258687	50.67	ug/l	99
48) Methyl methacrylate	7.78	41	238422	53.51	ug/l	98
49) 1,4-Dioxane	7.76	88	109678	1084.20	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1545074	255.38	ug/l	99
52) Toluene	8.79	92	511109	49.59	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	285210	50.58	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	314837	51.26	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	215628	51.83	ug/l	97
56) Ethyl methacrylate	9.18	69	323316	57.09	ug/l	97
57) 1,3-Dichloropropane	9.37	76	362431	51.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	804166	277.12	ug/l	100
59) 2-Hexanone	9.50	43	1179195	255.48	ug/l	99
60) Dibromochloromethane	9.58	129	210929	52.04	ug/l	100
61) 1,2-Dibromoethane	9.68	107	220893	51.31	ug/l	100
64) Tetrachloroethene	9.34	164	230112	49.45	ug/l	98
65) Chlorobenzene	10.14	112	576478	48.76	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	205653	50.43	ug/l	99
67) Ethyl Benzene	10.26	91	932648	48.57	ug/l	99
68) m/p-Xylenes	10.36	106	746554	99.44	ug/l	99
69) o-Xylene	10.70	106	368292	51.86	ug/l	99
70) Styrene	10.71	104	626005	54.44	ug/l	99
71) Bromoform	10.86	173	166727	50.72	ug/l	100
73) Isopropylbenzene	11.02	105	982341	52.36	ug/l	100
74) N-amyl acetate	10.90	43	397927	55.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	327597	49.90	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	295505m	50.86	ug/l	
77) Bromobenzene	11.26	156	267068	50.75	ug/l	99
78) n-propylbenzene	11.36	91	1108270	51.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	672441	50.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	826322	53.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	89096	49.76	ug/l	97
82) 4-Chlorotoluene	11.51	91	788723	50.47	ug/l	99
83) tert-Butylbenzene	11.77	119	815166	52.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	861771	54.03	ug/l	100
85) sec-Butylbenzene	11.94	105	989983	53.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	894941	53.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	490211	49.47	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	491227	47.02	ug/l	99
89) n-Butylbenzene	12.39	91	688304	50.89	ug/l	98
90) Hexachloroethane	12.60	117	122253	52.59	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	470421	51.94	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62188	53.78	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	358645	54.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	165165	53.89	ug/l	96
95) Naphthalene	13.83	128	1132225	60.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	376831	54.02	ug/l	100

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

