

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006207.D
 Acq On : 27 Nov 2018 06:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:44:03 AM

Quant Time: Nov 27 08:06:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155226	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.50	113	122062	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.71	98	463514	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	170094	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	91629	49.49	ug/l	100
3) Chloromethane	1.32	50	118888	50.83	ug/l	99
4) Vinyl Chloride	1.41	62	119003	50.02	ug/l	96
5) Bromomethane	1.64	94	83875	46.15	ug/l	100
6) Chloroethane	1.72	64	101146	79.37	ug/l	99
7) Trichlorofluoromethane	1.93	101	216479	69.56	ug/l	100
8) Diethyl Ether	2.19	74	92970	70.67	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127930	69.33	ug/l	97
10) Methyl Iodide	2.51	142	157453	68.06	ug/l	96
11) Tert butyl alcohol	3.07	59	227534	370.50	ug/l	98
12) 1,1-Dichloroethene	2.37	96	126458	70.29	ug/l	96
13) Acrolein	2.29	56	105571	287.28	ug/l	99
14) Allyl chloride	2.73	41	269017	73.09	ug/l	93
15) Acrylonitrile	3.15	53	513803	378.79	ug/l	99
16) Acetone	2.45	43	446321	348.40	ug/l	97
17) Carbon Disulfide	2.57	76	364432	75.02	ug/l	99
18) Methyl Acetate	2.78	43	268307	81.67	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	462441	74.37	ug/l	99
20) Methylene Chloride	2.85	84	145043	74.98	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139682	74.21	ug/l	91
22) Diisopropyl ether	3.87	45	403893	51.26	ug/l	99
23) Vinyl Acetate	3.82	43	1746230	267.15	ug/l	100
24) 1,1-Dichloroethane	3.70	63	265210	71.45	ug/l	99
25) 2-Butanone	4.70	43	590424	248.31	ug/l	100
26) 2,2-Dichloropropane	4.59	77	115176	37.65	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	123720	47.03	ug/l	99
28) Bromochloromethane	5.02	49	111240	51.42	ug/l	100
29) Tetrahydrofuran	5.15	42	378775	255.36	ug/l	99
30) Chloroform	5.21	83	218267	48.52	ug/l	99
31) Cyclohexane	5.57	56	182860	47.16	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	187553	51.64	ug/l	100
36) 1,1-Dichloropropene	5.80	75	158695	48.36	ug/l	99
37) Ethyl Acetate	4.85	43	215167	50.97	ug/l	100
38) Carbon Tetrachloride	5.78	117	162728	52.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	176563	47.23	ug/l	98
40) Benzene	6.14	78	476045	49.24	ug/l	99
41) Methacrylonitrile	5.06	41	117122	50.34	ug/l	99
42) 1,2-Dichloroethane	6.20	62	180974	50.07	ug/l	99
43) Isopropyl Acetate	6.46	43	319618	52.42	ug/l	99
44) Trichloroethene	7.21	130	129975	48.37	ug/l	99
45) 1,2-Dichloropropane	7.51	63	127976	50.02	ug/l	100
46) Dibromomethane	7.66	93	86813	49.55	ug/l	99
47) Bromodichloromethane	7.90	83	168212	51.91	ug/l	99
48) Methyl methacrylate	7.77	41	172001	55.63	ug/l	98
49) 1,4-Dioxane	7.75	88	71655	976.76	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1164872	266.51	ug/l	100
52) Toluene	8.79	92	303865	50.82	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173869	51.41	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186178	49.80	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	129433	49.98	ug/l	98
56) Ethyl methacrylate	9.18	69	195489	48.56	ug/l	97
57) 1,3-Dichloropropane	9.37	76	212572	49.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	559936	248.81	ug/l	99
59) 2-Hexanone	9.49	43	936666	270.03	ug/l	99
60) Dibromochloromethane	9.59	129	136418	53.73	ug/l	98
61) 1,2-Dibromoethane	9.67	107	137246	51.44	ug/l	100
64) Tetrachloroethene	9.34	164	138436	49.27	ug/l	99
65) Chlorobenzene	10.14	112	347084	49.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	127855	53.18	ug/l	98
67) Ethyl Benzene	10.25	91	596493	52.02	ug/l	98
68) m/p-Xylenes	10.36	106	467821	104.77	ug/l	99
69) o-Xylene	10.70	106	221584	51.95	ug/l	99
70) Styrene	10.71	104	375338	53.97	ug/l	99
71) Bromoform	10.86	173	113384	52.68	ug/l #	99
73) Isopropylbenzene	11.02	105	612135	52.06	ug/l	100
74) N-amyl acetate	10.90	43	301883	50.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218243	49.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204101m	51.02	ug/l	
77) Bromobenzene	11.26	156	162405	49.31	ug/l	99
78) n-propylbenzene	11.36	91	708050	51.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	419776	50.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517811	52.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56786	48.01	ug/l	98
82) 4-Chlorotoluene	11.51	91	497104	51.42	ug/l	100
83) tert-Butylbenzene	11.77	119	502200	51.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	534497	52.86	ug/l	99
85) sec-Butylbenzene	11.94	105	612916	51.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	551316	52.24	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299683	49.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	305168	48.47	ug/l	100
89) n-Butylbenzene	12.39	91	484780	50.74	ug/l	99
90) Hexachloroethane	12.60	117	89231	52.98	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	305407	49.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54346	52.86	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	219368	50.16	ug/l	100
94) Hexachlorobutadiene	13.79	225	100604	47.20	ug/l	99
95) Naphthalene	13.83	128	700465	54.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225671	50.61	ug/l	100

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

