

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006108.D
 Acq On : 20 Nov 2018 18:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda

11/21/2018 10:37:18 AM

Quant Time: Nov 21 08:12:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187425	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.50	113	152180	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.71	98	580282	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	215350	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114474	49.03	ug/l	100
3) Chloromethane	1.32	50	144177	48.89	ug/l	100
4) Vinyl Chloride	1.41	62	143416	47.81	ug/l	100
5) Bromomethane	1.64	94	107305	51.60	ug/l	100
6) Chloroethane	1.71	64	83109	44.97	ug/l	100
7) Trichlorofluoromethane	1.92	101	192228	48.99	ug/l	100
8) Diethyl Ether	2.19	74	78599	47.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112890	48.51	ug/l	100
10) Methyl Iodide	2.51	142	155345	53.25	ug/l	100
11) Tert butyl alcohol	3.08	59	192277	248.29	ug/l	100
12) 1,1-Dichloroethene	2.37	96	109238	48.16	ug/l	100
13) Acrolein	2.29	56	110632	238.75	ug/l	100
14) Allyl chloride	2.73	41	228002	49.13	ug/l	100
15) Acrylonitrile	3.15	53	424020	247.90	ug/l	100
16) Acetone	2.45	43	381794	236.35	ug/l	100
17) Carbon Disulfide	2.57	76	299754	48.94	ug/l	100
18) Methyl Acetate	2.78	43	209452	50.56	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	387284	49.39	ug/l	100
20) Methylene Chloride	2.85	84	124936	46.94	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	116905	49.26	ug/l	100
22) Diisopropyl ether	3.87	45	524401	52.78	ug/l	100
23) Vinyl Acetate	3.82	43	2211359	268.29	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235770	50.37	ug/l	100
25) 2-Butanone	4.70	43	757245	252.55	ug/l	100
26) 2,2-Dichloropropane	4.58	77	191299	49.59	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	165529	49.90	ug/l	100
28) Bromochloromethane	5.02	49	142904	52.38	ug/l	100
29) Tetrahydrofuran	5.15	42	493289	263.73	ug/l	100
30) Chloroform	5.21	83	278255	49.06	ug/l	100
31) Cyclohexane	5.57	56	248244	50.77	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	233017	50.88	ug/l	100
36) 1,1-Dichloropropene	5.80	75	209565	49.65	ug/l	100
37) Ethyl Acetate	4.85	43	268665	49.47	ug/l	100
38) Carbon Tetrachloride	5.78	117	201399	50.76	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243765	50.69	ug/l	100
40) Benzene	6.14	78	623537	50.14	ug/l	100
41) Methacrylonitrile	5.06	41	151296	50.56	ug/l	100
42) 1,2-Dichloroethane	6.20	62	228073	49.06	ug/l	100
43) Isopropyl Acetate	6.46	43	401387	51.18	ug/l	100
44) Trichloroethene	7.21	130	173889	50.31	ug/l	100
45) 1,2-Dichloropropane	7.52	63	165803	50.38	ug/l	100
46) Dibromomethane	7.66	93	110753	49.14	ug/l	100
47) Bromodichloromethane	7.90	83	209291	50.21	ug/l	100
48) Methyl methacrylate	7.77	41	213859	53.77	ug/l	100
49) 1,4-Dioxane	7.75	88	97682	1035.18	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1477858	262.86	ug/l	100
52) Toluene	8.79	92	392703	51.06	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	224454	51.60	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	249174	51.82	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	163293	49.02	ug/l	100
56) Ethyl methacrylate	9.18	69	247936	54.21	ug/l	100
57) 1,3-Dichloropropane	9.37	76	273147	49.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	716861	272.71	ug/l	100
59) 2-Hexanone	9.49	43	1180585	264.60	ug/l	100
60) Dibromochloromethane	9.59	129	166384	50.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173069	50.43	ug/l	100
64) Tetrachloroethene	9.34	164	181212	50.78	ug/l	100
65) Chlorobenzene	10.14	112	450724	50.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	156375	51.21	ug/l	100
67) Ethyl Benzene	10.25	91	775600	53.25	ug/l	100
68) m/p-Xylenes	10.36	106	607150	107.06	ug/l	100
69) o-Xylene	10.70	106	289464	53.43	ug/l	100
70) Styrene	10.71	104	486758	55.11	ug/l	100
71) Bromoform	10.86	173	136091	49.79	ug/l	100
73) Isopropylbenzene	11.02	105	788539	54.07	ug/l	100
74) N-amyl acetate	10.90	43	359015	54.22	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	271526	49.40	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257014m	51.79	ug/l	
77) Bromobenzene	11.26	156	207184	50.71	ug/l	100
78) n-propylbenzene	11.36	91	921263	54.24	ug/l	100
79) 2-Chlorotoluene	11.42	91	534122	51.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666878	54.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78116	53.24	ug/l	100
82) 4-Chlorotoluene	11.51	91	639093	53.30	ug/l	100
83) tert-Butylbenzene	11.77	119	653343	54.43	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	686937	54.77	ug/l	100
85) sec-Butylbenzene	11.94	105	786295	53.55	ug/l	100
86) p-Isopropyltoluene	12.07	119	716610	54.74	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	378108	50.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	388987	49.81	ug/l	100
89) n-Butylbenzene	12.39	91	633420	53.44	ug/l	100
90) Hexachloroethane	12.60	117	107417	51.42	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	387329	50.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63888	50.09	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280874	51.77	ug/l	100
94) Hexachlorobutadiene	13.78	225	130314	49.28	ug/l	100
95) Naphthalene	13.83	128	885652	55.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287586	51.99	ug/l	100

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

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