

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005798.D
 Acq On : 06 Nov 2018 10:15
 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
 11/7/2018 11:02:29 AM

Quant Time: Nov 07 08:31:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	113360	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.50	113	88457	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	317350	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	119241	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102639	53.694	ug/l	96
3) Chloromethane	1.32	50	111040	49.248	ug/l	100
4) Vinyl Chloride	1.41	62	115988	49.445	ug/l	98
5) Bromomethane	1.64	94	111191	38.199	ug/l	94
6) Chloroethane	1.71	64	74549	49.103	ug/l	97
7) Trichlorofluoromethane	1.92	101	150840	50.096	ug/l	98
8) Diethyl Ether	2.19	74	65120	48.115	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94303	51.561	ug/l	92
10) Methyl Iodide	2.51	142	104949	58.605	ug/l	95
11) Tert butyl alcohol	3.07	59	151875	231.167	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87379	49.028	ug/l	97
13) Acrolein	2.29	56	118008	250.992	ug/l	98
14) Allyl chloride	2.73	41	184688	50.116	ug/l	97
15) Acrylonitrile	3.15	53	353634	244.778	ug/l	99
16) Acetone	2.45	43	349744	282.366	ug/l	94
17) Carbon Disulfide	2.57	76	237073	43.289	ug/l	99
18) Methyl Acetate	2.78	43	168698	48.589	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	318545	51.636	ug/l	98
20) Methylene Chloride	2.85	84	103590	49.655	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	90436	47.956	ug/l	85
22) Diisopropyl ether	3.87	45	356014	52.078	ug/l #	89
23) Vinyl Acetate	3.82	43	1602675	269.161	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186203	48.170	ug/l	100
25) 2-Butanone	4.70	43	497499	243.783	ug/l	96
26) 2,2-Dichloropropane	4.57	77	147476	51.037	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	103756	48.963	ug/l	97
28) Bromochloromethane	5.01	49	89295	47.350	ug/l	93
29) Tetrahydrofuran	5.15	42	302184	242.602	ug/l	94
30) Chloroform	5.21	83	178980	47.358	ug/l	100
31) Cyclohexane	5.57	56	172125	53.249	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	141700	46.849	ug/l	97
36) 1,1-Dichloropropene	5.79	75	136952	49.934	ug/l	98
37) Ethyl Acetate	4.85	43	172160	49.202	ug/l	98
38) Carbon Tetrachloride	5.78	117	121116	48.878	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147756	51.656	ug/l	94
40) Benzene	6.15	78	392728	48.132	ug/l	99
41) Methacrylonitrile	5.06	41	94395	49.928	ug/l	97
42) 1,2-Dichloroethane	6.20	62	143630	47.623	ug/l	100
43) Isopropyl Acetate	6.46	43	247998	48.832	ug/l	96
44) Trichloroethene	7.21	130	94139	49.885	ug/l	95
45) 1,2-Dichloropropane	7.51	63	106092	50.738	ug/l	98
46) Dibromomethane	7.66	93	62952	47.109	ug/l	90
47) Bromodichloromethane	7.90	83	124926	49.840	ug/l	98
48) Methyl methacrylate	7.77	41	125751	51.159	ug/l	97
49) 1,4-Dioxane	7.75	88	51806	946.497	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	873825	252.338	ug/l	96
52) Toluene	8.79	92	228695	51.819	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142711	52.536	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	161203	55.390	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97434	50.836	ug/l	96
56) Ethyl methacrylate	9.18	69	155485	47.899	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175621	53.342	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	505010	272.331	ug/l	96
59) 2-Hexanone	9.49	43	720561	255.688	ug/l	96
60) Dibromochloromethane	9.59	129	95184	51.393	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99550	50.972	ug/l	99
64) Tetrachloroethene	9.34	164	88986	53.958	ug/l	98
65) Chlorobenzene	10.14	112	256111	53.392	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86741	52.823	ug/l	97
67) Ethyl Benzene	10.25	91	442134	54.007	ug/l	98
68) m/p-Xylenes	10.36	106	337606	110.981	ug/l	96
69) o-Xylene	10.70	106	158834	54.592	ug/l	97
70) Styrene	10.71	104	274451	56.794	ug/l	98
71) Bromoform	10.86	173	72072	54.169	ug/l	99
73) Isopropylbenzene	11.02	105	444623	54.666	ug/l	99
74) N-amyl acetate	10.90	43	226685	52.348	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	165600	49.076	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	157229m	51.206	ug/l	
77) Bromobenzene	11.26	156	105938	52.506	ug/l	88
78) n-propylbenzene	11.36	91	544339	55.014	ug/l	96
79) 2-Chlorotoluene	11.42	91	314917	53.289	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	380862	55.149	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51519	54.210	ug/l	97
82) 4-Chlorotoluene	11.51	91	376803	53.408	ug/l	96
83) tert-Butylbenzene	11.77	119	364766	55.357	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	391470	56.135	ug/l	97
85) sec-Butylbenzene	11.94	105	464885	54.999	ug/l	98
86) p-Isopropyltoluene	12.07	119	406796	56.587	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	206405	52.907	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	210953	50.334	ug/l	98
89) n-Butylbenzene	12.39	91	403996	55.700	ug/l	98
90) Hexachloroethane	12.60	117	66271	51.960	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	206159	50.582	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38829	49.061	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147400	56.388	ug/l	98
94) Hexachlorobutadiene	13.78	225	71589	56.610	ug/l	98
95) Naphthalene	13.83	128	493534	57.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149688	56.248	ug/l	99

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

