

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001891.D
 Acq On : 22 May 2018 13:54
 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
 5/24/2018 11:47:43 AM

Quant Time: May 23 07:56:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186848	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	158358	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	8.72	98	577693	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.14	95	195202	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126481	45.27	ug/l	100
3) Chloromethane	1.32	50	143057	47.40	ug/l	100
4) Vinyl Chloride	1.40	62	148573	45.53	ug/l	100
5) Bromomethane	1.64	94	61946	44.78	ug/l	97
6) Chloroethane	1.71	64	97797	47.58	ug/l	98
7) Trichlorofluoromethane	1.92	101	231593	48.84	ug/l	98
8) Diethyl Ether	2.19	74	93535	47.92	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140308	49.16	ug/l	99
10) Methyl Iodide	2.51	142	180214	68.62	ug/l	99
11) Tert butyl alcohol	3.08	59	163370	246.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125191	45.49	ug/l	97
13) Acrolein	2.29	56	71610	152.39	ug/l	100
14) Allyl chloride	2.73	41	254151	49.97	ug/l	98
15) Acrylonitrile	3.15	53	418196	251.30	ug/l	99
16) Acetone	2.45	43	368720	251.56	ug/l	99
17) Carbon Disulfide	2.57	76	284688	39.66	ug/l	98
18) Methyl Acetate	2.78	43	239611	55.92	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	464532	50.08	ug/l	99
20) Methylene Chloride	2.86	84	147657	47.06	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	135802	44.80	ug/l	97
22) Diisopropyl ether	3.87	45	497248	50.96	ug/l	97
23) Vinyl Acetate	3.83	43	1672484	237.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	264716	49.47	ug/l	100
25) 2-Butanone	4.71	43	606385	270.22	ug/l	100
26) 2,2-Dichloropropane	4.59	77	200180	46.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	168488	48.84	ug/l	98
28) Bromochloromethane	5.03	49	144590	60.83	ug/l	98
29) Tetrahydrofuran	5.17	42	389561	266.32	ug/l	98
30) Chloroform	5.21	83	291341	51.83	ug/l	98
31) Cyclohexane	5.57	56	233302	49.74	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	249171	51.30	ug/l	98
36) 1,1-Dichloropropene	5.80	75	204915	50.41	ug/l	99
37) Ethyl Acetate	4.87	43	229668	54.22	ug/l	99
38) Carbon Tetrachloride	5.78	117	229083	53.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249707	52.58	ug/l	99
40) Benzene	6.15	78	628252	52.46	ug/l	99
41) Methacrylonitrile	5.07	41	135433	55.29	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231591	53.47	ug/l	99
43) Isopropyl Acetate	6.47	43	361901	54.59	ug/l	99
44) Trichloroethene	7.21	130	191403	51.49	ug/l	98
45) 1,2-Dichloropropane	7.52	63	157621	53.64	ug/l	99
46) Dibromomethane	7.67	93	108515	52.59	ug/l	100
47) Bromodichloromethane	7.90	83	217870	56.90	ug/l	95
48) Methyl methacrylate	7.78	41	196977	56.45	ug/l	99
49) 1,4-Dioxane	7.76	88	80420	1196.89	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1232327	293.31	ug/l	98
52) Toluene	8.79	92	412339	53.58	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	246688	54.76	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	224345	56.49	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	158856	54.00	ug/l	99
56) Ethyl methacrylate	9.19	69	242807	58.21	ug/l	97
57) 1,3-Dichloropropane	9.38	76	255294	51.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	630382	293.78	ug/l	99
59) 2-Hexanone	9.50	43	846817	281.56	ug/l	99
60) Dibromochloromethane	9.59	129	169223	56.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	160239	52.04	ug/l	100
64) Tetrachloroethene	9.34	164	206999	52.52	ug/l	98
65) Chlorobenzene	10.14	112	432564	51.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163671	55.65	ug/l	100
67) Ethyl Benzene	10.26	91	716762	53.86	ug/l	99
68) m/p-Xylenes	10.37	106	566542	107.89	ug/l	98
69) o-Xylene	10.70	106	276111	54.91	ug/l	99
70) Styrene	10.72	104	460481	55.52	ug/l	100
71) Bromoform	10.86	173	140260	51.17	ug/l	99
73) Isopropylbenzene	11.02	105	747132	56.35	ug/l	100
74) N-amyl acetate	6.47	43	361901	56.93	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	215184	54.10	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	214105m	55.92	ug/l	
77) Bromobenzene	11.26	156	211370	54.25	ug/l	99
78) n-propylbenzene	11.37	91	832108	55.70	ug/l	99
79) 2-Chlorotoluene	11.43	91	493798	55.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	623491	57.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62376	48.65	ug/l	97
82) 4-Chlorotoluene	11.52	91	569952	54.15	ug/l	99
83) tert-Butylbenzene	11.77	119	622264	57.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	643024	57.08	ug/l	99
85) sec-Butylbenzene	11.95	105	760030	56.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	701989	56.77	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	377655	52.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	382319	51.31	ug/l	100
89) n-Butylbenzene	12.40	91	571387	53.43	ug/l	99
90) Hexachloroethane	12.60	117	115376	60.08	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	386321	53.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50391	59.36	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	294264	51.42	ug/l	99
94) Hexachlorobutadiene	13.79	225	163340	53.17	ug/l	100
95) Naphthalene	13.84	128	819968	55.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305226	52.97	ug/l	100

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

