

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001329.D
 Acq On : 02 May 2018 20:42
 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
 5/3/2018 12:21:20 PM

Quant Time: May 03 05:49:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	150447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	110319	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.51	113	95278	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.72	98	351062	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.15	95	132467	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92125	48.95	ug/l	97
3) Chloromethane	1.32	50	88427	47.86	ug/l	99
4) Vinyl Chloride	1.40	62	95437	49.07	ug/l	100
5) Bromomethane	1.64	94	68833	47.38	ug/l	99
6) Chloroethane	1.71	64	63872	51.95	ug/l	100
7) Trichlorofluoromethane	1.92	101	168988	51.48	ug/l	100
8) Diethyl Ether	2.19	74	60408	53.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93152	49.21	ug/l	99
10) Methyl Iodide	2.51	142	138332	65.58	ug/l	100
11) Tert butyl alcohol	3.09	59	131713	325.05	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84838	49.71	ug/l	98
13) Acrolein	2.30	56	50861	218.00	ug/l	99
14) Allyl chloride	2.73	41	154552	51.76	ug/l	99
15) Acrylonitrile	3.16	53	276703	294.63	ug/l	99
16) Acetone	2.45	43	268208	266.78	ug/l	99
17) Carbon Disulfide	2.57	76	200300	45.05	ug/l	99
18) Methyl Acetate	2.79	43	152095	64.06	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	306875	52.79	ug/l	99
20) Methylene Chloride	2.86	84	97329	53.78	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	90392	48.66	ug/l	98
22) Diisopropyl ether	3.89	45	311739	54.21	ug/l	98
23) Vinyl Acetate	3.84	43	1354959	278.04	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171581	53.56	ug/l	99
25) 2-Butanone	4.73	43	364271	267.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	96063	36.85	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	95190	46.62	ug/l	99
28) Bromochloromethane	5.03	49	76645	53.22	ug/l	98
29) Tetrahydrofuran	5.18	42	233042	278.76	ug/l	99
30) Chloroform	5.23	83	166112	49.06	ug/l	99
31) Cyclohexane	5.57	56	127698	44.14	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	144037	48.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116495	45.46	ug/l	99
37) Ethyl Acetate	4.88	43	139958	54.09	ug/l	100
38) Carbon Tetrachloride	5.79	117	130961	48.78	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135196	44.61	ug/l	99
40) Benzene	6.15	78	358467	48.63	ug/l	97
41) Methacrylonitrile	5.08	41	77782	51.61	ug/l	99
42) 1,2-Dichloroethane	6.21	62	137042	48.01	ug/l	99
43) Isopropyl Acetate	6.48	43	221067	52.77	ug/l	99
44) Trichloroethene	7.22	130	106757	47.31	ug/l	95
45) 1,2-Dichloropropane	7.52	63	92638	48.94	ug/l	96
46) Dibromomethane	7.67	93	65608	49.44	ug/l	100
47) Bromodichloromethane	7.91	83	123318	51.98	ug/l	99
48) Methyl methacrylate	7.79	41	117675	52.84	ug/l	99
49) 1,4-Dioxane	7.77	88	52543	1250.29	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	772171	285.91	ug/l	98
52) Toluene	8.79	92	237956	49.38	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	138482	49.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	130371	50.22	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	100641	51.70	ug/l	97
56) Ethyl methacrylate	9.19	69	147449	54.67	ug/l	99
57) 1,3-Dichloropropane	9.38	76	158955	50.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	355125	272.92	ug/l	99
59) 2-Hexanone	9.51	43	610640	289.29	ug/l	100
60) Dibromochloromethane	9.59	129	109237	53.80	ug/l	99
61) 1,2-Dibromoethane	9.68	107	107718	52.21	ug/l	100
64) Tetrachloroethene	9.34	164	125835	48.97	ug/l	98
65) Chlorobenzene	10.15	112	279997	47.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	105515	51.53	ug/l	99
67) Ethyl Benzene	10.26	91	463030	47.63	ug/l	99
68) m/p-Xylenes	10.37	106	369960	96.72	ug/l	99
69) o-Xylene	10.71	106	180682	48.70	ug/l	99
70) Styrene	10.72	104	300049	49.45	ug/l	99
71) Bromoform	10.87	173	91546	46.57	ug/l	100
73) Isopropylbenzene	11.02	105	485869	48.27	ug/l	100
74) N-amyl acetate	6.48	43	221067	51.20	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	157298	52.16	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	144732m	52.02	ug/l	
77) Bromobenzene	11.26	156	142295	49.02	ug/l	98
78) n-propylbenzene	11.37	91	537628	48.07	ug/l	99
79) 2-Chlorotoluene	11.43	91	324974	48.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	419155	49.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	37133	43.99	ug/l	95
82) 4-Chlorotoluene	11.52	91	388150	47.81	ug/l	100
83) tert-Butylbenzene	11.77	119	415795	49.33	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	432465	49.93	ug/l	100
85) sec-Butylbenzene	11.95	105	494368	49.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	453659	49.04	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	253784	46.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	259558	46.45	ug/l	99
89) n-Butylbenzene	12.40	91	377448	46.75	ug/l	100
90) Hexachloroethane	12.60	117	69061	51.55	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	263126	48.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36549	59.97	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	191874	44.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	101983	44.92	ug/l	99
95) Naphthalene	13.84	128	574026	52.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	201712	47.35	ug/l	99

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

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