

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000648.D
 Acq On : 03 Apr 2018 12:14
 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

sam
 4/4/2018 5:42:45 PM

Quant Time: Apr 03 18:01:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	234169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	83412	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.51	113	66738	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	8.72	98	292263	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.15	95	126917	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	71142	43.552	ug/l	99
3) Chloromethane	1.32	50	62430	36.278	ug/l	97
4) Vinyl Chloride	1.41	62	83810	46.092	ug/l	99
5) Bromomethane	1.64	94	102107	46.907	ug/l	96
6) Chloroethane	1.73	64	58271	53.618	ug/l	99
7) Trichlorofluoromethane	1.93	101	148722	45.315	ug/l	98
8) Diethyl Ether	2.19	74	52130	44.447	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80849	44.178	ug/l	97
10) Methyl Iodide	2.51	142	62410	35.751	ug/l	100
11) Tert butyl alcohol	3.07	59	143070	214.979	ug/l	100
12) 1,1-Dichloroethene	2.38	96	71831	44.712	ug/l	96
13) Acrolein	2.29	56	67752	314.834	ug/l	100
14) Allyl chloride	2.73	41	129413	45.600	ug/l	99
15) Acrylonitrile	3.15	53	291060	215.937	ug/l	99
16) Acetone	2.45	43	359225	223.195	ug/l	100
17) Carbon Disulfide	2.57	76	172913	40.464	ug/l	99
18) Methyl Acetate	2.78	43	146452	43.403	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	267707	45.056	ug/l	100
20) Methylene Chloride	2.86	84	78465	42.209	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77597	43.300	ug/l	99
22) Diisopropyl ether	3.87	45	269342	53.632	ug/l	99
23) Vinyl Acetate	3.83	43	1277816	268.397	ug/l	99
24) 1,1-Dichloroethane	3.70	63	136382	43.193	ug/l	99
25) 2-Butanone	4.71	43	389753	215.445	ug/l	97
26) 2,2-Dichloropropane	4.59	77	96304	43.516	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71583	42.739	ug/l	97
28) Bromochloromethane	5.03	49	54806	42.092	ug/l	99
29) Tetrahydrofuran	5.17	42	245291	220.377	ug/l	100
30) Chloroform	5.22	83	137162	46.351	ug/l	97
31) Cyclohexane	5.59	56	103690	42.480	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	123484	46.256	ug/l	99
36) 1,1-Dichloropropene	5.81	75	99109	45.183	ug/l	99
37) Ethyl Acetate	4.87	43	133244	44.471	ug/l	100
38) Carbon Tetrachloride	5.79	117	104473	45.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	127023	47.617	ug/l	98
40) Benzene	6.15	78	300930	47.242	ug/l	98
41) Methacrylonitrile	5.07	41	70467	44.610	ug/l	99
42) 1,2-Dichloroethane	6.20	62	117084	46.847	ug/l	99
43) Isopropyl Acetate	6.47	43	211278	47.371	ug/l	98
44) Trichloroethene	7.22	130	87035	47.693	ug/l	92
45) 1,2-Dichloropropane	7.52	63	80050	49.096	ug/l	99
46) Dibromomethane	7.67	93	60876	47.566	ug/l	97
47) Bromodichloromethane	7.90	83	116099	51.559	ug/l	99
48) Methyl methacrylate	7.79	41	104170	48.109	ug/l	100
49) 1,4-Dioxane	7.76	88	45832	1006.988	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	866982	251.137	ug/l	100
52) Toluene	8.79	92	225704	50.684	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	133952	51.337	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	136837	54.064	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	95582	52.194	ug/l	97
56) Ethyl methacrylate	9.19	69	145335	52.373	ug/l	98
57) 1,3-Dichloropropane	9.38	76	151467	51.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	265883	199.636	ug/l	99
59) 2-Hexanone	9.51	43	750877	256.155	ug/l	98
60) Dibromochloromethane	9.59	129	106479	49.204	ug/l	99
61) 1,2-Dibromoethane	9.68	107	107912	54.950	ug/l	96
64) Tetrachloroethene	9.34	164	88359	42.256	ug/l	97
65) Chlorobenzene	10.15	112	282337	47.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	99768	48.987	ug/l	99
67) Ethyl Benzene	10.26	91	480094	47.228	ug/l	100
68) m/p-Xylenes	10.37	106	394952	98.735	ug/l	96
69) o-Xylene	10.71	106	186531	48.161	ug/l	99
70) Styrene	10.72	104	326168	50.896	ug/l	96
71) Bromoform	10.87	173	90337	43.277	ug/l #	98
73) Isopropylbenzene	11.02	105	529116	44.621	ug/l	100
74) N-amyl acetate	6.47	43	211278	40.233	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	182425	43.494	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	189502m	49.268	ug/l	
77) Bromobenzene	11.26	156	136399	43.178	ug/l	97
78) n-propylbenzene	11.37	91	628280	44.435	ug/l	99
79) 2-Chlorotoluene	11.43	91	346846	42.462	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	457882	45.923	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	55040	46.329	ug/l	94
82) 4-Chlorotoluene	11.52	91	440533	45.169	ug/l	99
83) tert-Butylbenzene	11.78	119	462000	45.943	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	472918	45.240	ug/l	99
85) sec-Butylbenzene	11.95	105	573339	46.079	ug/l	100
86) p-Isopropyltoluene	12.07	119	524006	47.420	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	278039	46.550	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	291282	46.450	ug/l	98
89) n-Butylbenzene	12.40	91	490255	47.649	ug/l	99
90) Hexachloroethane	12.60	117	82633	47.508	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	272538	46.542	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49562	42.370	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203788	48.543	ug/l	99
94) Hexachlorobutadiene	13.79	225	81464	46.866	ug/l	99
95) Naphthalene	13.84	128	683743	46.756	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	199366	48.061	ug/l	100

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

