

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001184.D
 Acq On : 27 Apr 2018 21:10
 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
 4/30/2018 6:04:39 PM

Quant Time: Apr 28 04:08:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	139308	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.51	113	112318	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	8.72	98	413393	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	161145	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97763	50.49	ug/l	99
3) Chloromethane	1.32	50	94154	46.43	ug/l	100
4) Vinyl Chloride	1.40	62	109720	50.99	ug/l	98
5) Bromomethane	1.64	94	86099	66.15	ug/l	100
6) Chloroethane	1.72	64	71040	52.46	ug/l	99
7) Trichlorofluoromethane	1.93	101	185837	53.48	ug/l	98
8) Diethyl Ether	2.19	74	69715	52.18	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102015	53.28	ug/l	99
10) Methyl Iodide	2.51	142	70051	37.34	ug/l	99
11) Tert butyl alcohol	3.08	59	121298	214.91	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95393	51.09	ug/l	97
13) Acrolein	2.30	56	40202	188.41	ug/l	98
14) Allyl chloride	2.73	41	179786	52.78	ug/l	98
15) Acrylonitrile	3.15	53	284831	236.32	ug/l	98
16) Acetone	2.45	43	265283	225.39	ug/l	99
17) Carbon Disulfide	2.57	76	236984	49.74	ug/l	99
18) Methyl Acetate	2.78	43	147340	50.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	356244	51.83	ug/l	98
20) Methylene Chloride	2.86	84	110448	50.39	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105771	51.25	ug/l	98
22) Diisopropyl ether	3.88	45	349052	51.22	ug/l	94
23) Vinyl Acetate	3.83	43	1506590	260.58	ug/l	100
24) 1,1-Dichloroethane	3.70	63	183582	51.25	ug/l	99
25) 2-Butanone	4.71	43	393409	223.39	ug/l	99
26) 2,2-Dichloropropane	4.59	77	132202	46.89	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	117170	51.85	ug/l	99
28) Bromochloromethane	5.03	49	90693	56.47	ug/l	99
29) Tetrahydrofuran	5.17	42	255850	225.95	ug/l	99
30) Chloroform	5.23	83	203554	53.44	ug/l	100
31) Cyclohexane	5.58	56	154984	50.93	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	173691	52.82	ug/l	98
36) 1,1-Dichloropropene	5.81	75	141926	51.34	ug/l	100
37) Ethyl Acetate	4.87	43	158714	47.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	154282	54.42	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	158170	51.70	ug/l	98
40) Benzene	6.15	78	432704	54.11	ug/l	99
41) Methacrylonitrile	5.07	41	91059	48.95	ug/l	99
42) 1,2-Dichloroethane	6.21	62	173100	53.71	ug/l	99
43) Isopropyl Acetate	6.48	43	261776	50.35	ug/l	99
44) Trichloroethene	7.22	130	128541	53.95	ug/l	98
45) 1,2-Dichloropropane	7.52	63	112585	53.52	ug/l	98
46) Dibromomethane	7.67	93	80350	55.16	ug/l	99
47) Bromodichloromethane	7.91	83	148147	55.98	ug/l	99
48) Methyl methacrylate	7.79	41	141105	51.06	ug/l	99
49) 1,4-Dioxane	7.76	88	50768	917.51	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	870495	254.87	ug/l	97
52) Toluene	8.79	92	285884	54.66	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	171511	55.75	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	163023	48.88	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	119776	54.13	ug/l	98
56) Ethyl methacrylate	9.19	69	179422	54.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	192218	53.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	396997	256.16	ug/l	100
59) 2-Hexanone	9.51	43	663794	248.05	ug/l	99
60) Dibromochloromethane	9.59	129	129713	50.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	128082	55.25	ug/l	99
64) Tetrachloroethene	9.34	164	137262	52.72	ug/l	98
65) Chlorobenzene	10.15	112	335516	52.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	126776	57.34	ug/l	99
67) Ethyl Benzene	10.26	91	553440	53.30	ug/l	98
68) m/p-Xylenes	10.37	106	439732	107.13	ug/l	98
69) o-Xylene	10.71	106	216315	54.33	ug/l	100
70) Styrene	10.72	104	362428	54.70	ug/l	100
71) Bromoform	10.87	173	104335	45.37	ug/l	99
73) Isopropylbenzene	11.02	105	570456	52.99	ug/l	100
74) N-amyl acetate	6.48	43	261776	48.26	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183008	51.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	170538m	50.71	ug/l	
77) Bromobenzene	11.26	156	170273	53.34	ug/l	99
78) n-propylbenzene	11.37	91	641959	53.48	ug/l	100
79) 2-Chlorotoluene	11.43	91	385868	51.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	493135	54.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42468	41.16	ug/l	98
82) 4-Chlorotoluene	11.52	91	468124	52.93	ug/l	100
83) tert-Butylbenzene	11.77	119	488950	53.76	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	509693	54.41	ug/l	100
85) sec-Butylbenzene	11.95	105	568844	53.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	528320	53.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304265	53.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311040	52.09	ug/l	100
89) n-Butylbenzene	12.39	91	448428	52.42	ug/l	100
90) Hexachloroethane	12.60	117	75885	47.74	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	306331	52.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39106	49.61	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231583	51.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	101771	47.68	ug/l	99
95) Naphthalene	13.84	128	652059	51.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231959	51.33	ug/l	100

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

