

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
 Data File : VX000999.D
 Acq On : 19 Apr 2018 19:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX041918

Manual Integrations
 APPROVED

MMDadoda
 4/20/2018 2:09:32 PM

Quant Time: Apr 20 05:13:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	146460	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	
35) Dibromofluoromethane	5.51	113	123761	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.73	98	450452	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.14	95	185647	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	175696	55.14	ug/l	98
3) Chloromethane	1.32	50	156923	52.89	ug/l	99
4) Vinyl Chloride	1.41	62	157572	51.24	ug/l	99
5) Bromomethane	1.64	94	99012	57.01	ug/l	100
6) Chloroethane	1.73	64	90721	49.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	227250	49.19	ug/l	100
8) Diethyl Ether	2.19	74	83906	49.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131493	48.58	ug/l	99
10) Methyl Iodide	2.52	142	128112	48.27	ug/l	100
11) Tert butyl alcohol	3.07	59	125039	254.57	ug/l	99
12) 1,1-Dichloroethene	2.38	96	124127	49.59	ug/l	99
13) Acrolein	2.30	56	48752	315.60	ug/l	99
14) Allyl chloride	2.73	41	226232	49.94	ug/l	99
15) Acrylonitrile	3.15	53	330555	248.67	ug/l	99
16) Acetone	2.45	43	288470	235.22	ug/l	99
17) Carbon Disulfide	2.57	76	366588	51.38	ug/l	100
18) Methyl Acetate	2.78	43	200077	53.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	419034	49.79	ug/l	99
20) Methylene Chloride	2.86	84	133649	51.76	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135816	48.74	ug/l	99
22) Diisopropyl ether	3.88	45	447698	51.05	ug/l	99
23) Vinyl Acetate	3.83	43	1852030	255.09	ug/l	100
24) 1,1-Dichloroethane	3.70	63	243029	49.41	ug/l	99
25) 2-Butanone	4.71	43	478395	249.89	ug/l	100
26) 2,2-Dichloropropane	4.59	77	210445	49.73	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	156181	50.31	ug/l	98
28) Bromochloromethane	5.03	49	100625	53.19	ug/l	100
29) Tetrahydrofuran	5.17	42	306367	253.24	ug/l	99
30) Chloroform	5.23	83	251585	49.38	ug/l	99
31) Cyclohexane	5.58	56	224315	48.86	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	232248	50.85	ug/l	99
36) 1,1-Dichloropropene	5.81	75	199474	48.90	ug/l	100
37) Ethyl Acetate	4.87	43	189685	50.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	205391	49.73	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	233240	49.13	ug/l	100
40) Benzene	6.15	78	557462	49.16	ug/l	99
41) Methacrylonitrile	5.07	41	111800	47.85	ug/l	99
42) 1,2-Dichloroethane	6.21	62	209301	48.08	ug/l	99
43) Isopropyl Acetate	6.47	43	325313	50.68	ug/l	100
44) Trichloroethene	7.22	130	169658	48.97	ug/l	99
45) 1,2-Dichloropropane	7.52	63	144359	50.63	ug/l	100
46) Dibromomethane	7.67	93	97739	49.06	ug/l	98
47) Bromodichloromethane	7.91	83	189859	51.44	ug/l	98
48) Methyl methacrylate	7.79	41	172608	49.94	ug/l	99
49) 1,4-Dioxane	7.76	88	51608	1015.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	991965	254.51	ug/l	99
52) Toluene	8.79	92	369044	49.86	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	231490	52.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	223818	53.77	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	146427	49.77	ug/l	99
56) Ethyl methacrylate	9.19	69	223300	51.68	ug/l	99
57) 1,3-Dichloropropane	9.38	76	237433	48.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539407	255.78	ug/l	100
59) 2-Hexanone	9.51	43	749830	251.34	ug/l	100
60) Dibromochloromethane	9.59	129	164522	53.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156863	50.52	ug/l	100
64) Tetrachloroethene	9.34	164	168753	48.51	ug/l	98
65) Chlorobenzene	10.15	112	432184	49.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	157678	52.66	ug/l	99
67) Ethyl Benzene	10.26	91	725008	50.05	ug/l	99
68) m/p-Xylenes	10.37	106	570227	99.88	ug/l	100
69) o-Xylene	10.71	106	273001	49.60	ug/l	98
70) Styrene	10.72	104	462237	50.99	ug/l	99
71) Bromoform	10.87	173	137218	49.27	ug/l	99
73) Isopropylbenzene	11.02	105	746009	50.03	ug/l	99
74) N-amyl acetate	6.47	43	325313	51.00	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	217487	51.53	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	201870m	51.02	ug/l	
77) Bromobenzene	11.26	156	214829	49.64	ug/l	100
78) n-propylbenzene	11.37	91	848668	49.58	ug/l	100
79) 2-Chlorotoluene	11.43	91	498722	49.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	633676	50.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62469	48.55	ug/l	96
82) 4-Chlorotoluene	11.52	91	600844	49.16	ug/l	100
83) tert-Butylbenzene	11.77	119	648221	50.84	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	654360	50.31	ug/l	100
85) sec-Butylbenzene	11.95	105	753278	49.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	704756	50.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	398411	49.17	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	403500	48.52	ug/l	100
89) n-Butylbenzene	12.40	91	621529	49.62	ug/l	99
90) Hexachloroethane	12.60	117	108088	54.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387217	49.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48171	54.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	326491	49.59	ug/l	100
94) Hexachlorobutadiene	13.79	225	150156	50.40	ug/l	100
95) Naphthalene	13.84	128	845520	52.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315671	49.57	ug/l	99

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

