

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000752.D
 Acq On : 10 Apr 2018 15:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:45 AM

Quant Time: Apr 10 15:47:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 10:32:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	240194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	453870	149.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.52%	
35) Dibromofluoromethane	5.51	113	397839	174.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	349.82%	
50) Toluene-d8	8.73	98	1453704	168.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.28%	
62) 4-Bromofluorobenzene	11.15	95	609016	170.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	340.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	448732	187.98	ug/l	99
3) Chloromethane	1.32	50	379594	178.43	ug/l	98
4) Vinyl Chloride	1.41	62	429679	199.22	ug/l	99
5) Bromomethane	1.64	94	178848	124.75	ug/l	99
6) Chloroethane	1.71	64	237430	179.39	ug/l	100
7) Trichlorofluoromethane	1.92	101	621926	176.08	ug/l	100
8) Diethyl Ether	2.19	74	230995	170.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	364365	176.15	ug/l	98
10) Methyl Iodide	2.51	142	342017	165.78	ug/l	98
11) Tert butyl alcohol	3.10	59	421847	817.94	ug/l	99
12) 1,1-Dichloroethene	2.37	96	347798	187.26	ug/l	95
13) Acrolein	2.30	56	244167	1081.72	ug/l	99
14) Allyl chloride	2.73	41	636405	169.48	ug/l	97
15) Acrylonitrile	3.16	53	945359	874.57	ug/l	100
16) Acetone	2.45	43	796871	838.19	ug/l	98
17) Carbon Disulfide	2.57	76	1055695	218.27	ug/l	99
18) Methyl Acetate	2.78	43	437254	154.90	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1167918	169.13	ug/l	100
20) Methylene Chloride	2.86	84	369832	130.11	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	373386	188.03	ug/l	98
22) Diisopropyl ether	3.88	45	1242331	168.84	ug/l	97
23) Vinyl Acetate	3.83	43	5434085	872.11	ug/l	99
24) 1,1-Dichloroethane	3.70	63	679568	176.43	ug/l	98
25) 2-Butanone	4.72	43	1397608	840.28	ug/l	96
26) 2,2-Dichloropropane	4.59	77	641261	163.58	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	443331	174.63	ug/l	96
28) Bromochloromethane	5.03	49	241406	138.99	ug/l	95
29) Tetrahydrofuran	5.18	42	882087	833.40	ug/l	98
30) Chloroform	5.23	83	712824	170.23	ug/l	100
31) Cyclohexane	5.58	56	622659	181.54	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	682773	171.10	ug/l	99
36) 1,1-Dichloropropene	5.81	75	551526	183.00	ug/l	99
37) Ethyl Acetate	4.87	43	559721	172.05	ug/l	99
38) Carbon Tetrachloride	5.79	117	635182	179.86	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	670407	189.23	ug/l	95
40) Benzene	6.15	78	1575440	185.84	ug/l	100
41) Methacrylonitrile	5.07	41	321099	170.37	ug/l	97
42) 1,2-Dichloroethane	6.21	62	578835	173.10	ug/l	99
43) Isopropyl Acetate	6.48	43	965154	170.36	ug/l	98
44) Trichloroethene	7.22	130	488456	189.61	ug/l	98
45) 1,2-Dichloropropane	7.53	63	405014	178.18	ug/l	99
46) Dibromomethane	7.67	93	282110	178.81	ug/l	96
47) Bromodichloromethane	7.91	83	577364	176.87	ug/l	99
48) Methyl methacrylate	7.79	41	505829	177.46	ug/l	97
49) 1,4-Dioxane	7.77	88	193394	3418.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.67	43	2913802	887.72	ug/l	99
52) Toluene	8.79	92	1048032	185.43	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	701681	180.64	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	690652	179.05	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	419090	182.28	ug/l	98
56) Ethyl methacrylate	9.19	69	673287	183.66	ug/l	96
57) 1,3-Dichloropropane	9.38	76	674534	179.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1581082	920.86	ug/l	99
59) 2-Hexanone	9.51	43	2272570	907.16	ug/l	97
60) Dibromochloromethane	9.59	129	533168	185.93	ug/l	100
61) 1,2-Dibromoethane	9.68	107	457705	185.39	ug/l	99
64) Tetrachloroethene	9.34	164	478907	179.78	ug/l	99
65) Chlorobenzene	10.15	112	1250318	178.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	483396	177.02	ug/l	100
67) Ethyl Benzene	10.26	91	2066429	176.14	ug/l	98
68) m/p-Xylenes	10.37	106	1655151	360.62	ug/l	97
69) o-Xylene	10.71	106	809217	179.67	ug/l	97
70) Styrene	10.72	104	1375128	180.71	ug/l	99
71) Bromoform	10.87	173	498287	192.72	ug/l #	99
73) Isopropylbenzene	11.02	105	2154812	150.07	ug/l	100
74) N-amyl acetate	6.48	43	965154	138.11	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	667189	156.32	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	605126m	148.07	ug/l	
77) Bromobenzene	11.26	156	645887	158.61	ug/l	96
78) n-propylbenzene	11.37	91	2446009	148.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	1450670	147.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1866537	150.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	242351	154.39	ug/l	93
82) 4-Chlorotoluene	11.52	91	1749811	148.62	ug/l	98
83) tert-Butylbenzene	11.78	119	1950172	152.96	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	1945153	151.04	ug/l	99
85) sec-Butylbenzene	11.95	105	2255985	151.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	2125514	152.37	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	1193560	156.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1217679	155.69	ug/l	99
89) n-Butylbenzene	12.40	91	1854932	148.86	ug/l	99
90) Hexachloroethane	12.60	117	388223	153.27	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	1177220	158.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	166363	148.31	ug/l	93

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93) 1,2,4-Trichlorobenzene	13.65	180	1000191	157.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	484837	155.36	ug/l	99
95) Naphthalene	13.84	128	2613190	157.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	978276	159.99	ug/l	99

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

