

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000664.D
 Acq On : 04 Apr 2018 18:19
 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

sam
 4/5/2018 6:25:48 PM

Quant Time: Apr 05 03:16:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	190501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147603	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	268444	184.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	368.54%	
35) Dibromofluoromethane	5.51	113	197836	163.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.48%	
50) Toluene-d8	8.73	98	950015	187.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	374.12%	
62) 4-Bromofluorobenzene	11.15	95	388611	193.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	387.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	226105	186.31	ug/l	95
3) Chloromethane	1.32	50	186806	151.99	ug/l	99
4) Vinyl Chloride	1.41	62	204906	151.02	ug/l	97
5) Bromomethane	1.64	94	208348	128.17	ug/l	99
6) Chloroethane	1.70	64	184033	180.40	ug/l	100
7) Trichlorofluoromethane	1.92	101	438039	179.99	ug/l	96
8) Diethyl Ether	2.19	74	161712	184.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	240922	177.69	ug/l	96
10) Methyl Iodide	2.51	142	199176	182.93	ug/l	98
11) Tert butyl alcohol	3.12	59	571684	1110.48	ug/l	100
12) 1,1-Dichloroethene	2.37	96	223908	189.36	ug/l	94
13) Acrolein	2.30	56	330298	1592.28	ug/l	98
14) Allyl chloride	2.73	41	408029	175.93	ug/l	97
15) Acrylonitrile	3.16	53	1018814	993.27	ug/l	99
16) Acetone	2.46	43	1023362	856.06	ug/l	99
17) Carbon Disulfide	2.57	76	503345	149.47	ug/l	99
18) Methyl Acetate	2.79	43	502336	195.68	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	842246	190.40	ug/l	100
20) Methylene Chloride	2.86	84	240609	175.07	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	237712	180.43	ug/l	88
22) Diisopropyl ether	3.88	45	624835	171.34	ug/l	97
23) Vinyl Acetate	3.83	43	3137889	926.58	ug/l	99
24) 1,1-Dichloroethane	3.70	63	413214	177.14	ug/l	99
25) 2-Butanone	4.73	43	1181730	894.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	235206	151.19	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	177448	148.87	ug/l	99
28) Bromochloromethane	5.03	49	143367	152.98	ug/l	99
29) Tetrahydrofuran	5.18	42	808375	990.77	ug/l	98
30) Chloroform	5.23	83	388548	183.24	ug/l	100
31) Cyclohexane	5.58	56	269336	155.20	ug/l	# 96
32) 1,1,1-Trichloroethane	5.50	97	328896	172.88	ug/l	96
36) 1,1-Dichloropropene	5.81	75	260328	147.62	ug/l	98
37) Ethyl Acetate	4.88	43	428451	176.32	ug/l	99
38) Carbon Tetrachloride	5.79	117	272153	149.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	294648	139.36	ug/l	97
40) Benzene	6.15	78	775734	152.25	ug/l	96
41) Methacrylonitrile	5.08	41	222680	171.47	ug/l	96
42) 1,2-Dichloroethane	6.21	62	320598	158.04	ug/l	99
43) Isopropyl Acetate	6.48	43	648352	178.04	ug/l	98
44) Trichloroethene	7.22	130	198479	136.22	ug/l	98
45) 1,2-Dichloropropane	7.52	63	208131	158.51	ug/l	99
46) Dibromomethane	7.67	93	156773	152.55	ug/l	99
47) Bromodichloromethane	7.91	83	316748	174.50	ug/l	99
48) Methyl methacrylate	7.79	41	324433	183.38	ug/l	98
49) 1,4-Dioxane	7.77	88	144323	3848.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	2806565	982.19	ug/l	96
52) Toluene	8.79	92	605126	168.94	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	360147	171.58	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	392385	192.33	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	262536	177.44	ug/l	97
56) Ethyl methacrylate	9.20	69	437169	194.28	ug/l	92
57) 1,3-Dichloropropane	9.38	76	397413	167.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	900315	857.44	ug/l	98
59) 2-Hexanone	9.51	43	2404203	986.26	ug/l	95
60) Dibromochloromethane	9.59	129	297632	198.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	292161	184.70	ug/l	99
64) Tetrachloroethene	9.34	164	205956	122.63	ug/l	94
65) Chlorobenzene	10.15	112	712074	146.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	255094	156.64	ug/l	95
67) Ethyl Benzene	10.26	91	1233133	148.80	ug/l	94
68) m/p-Xylenes	10.37	106	1002561	308.38	ug/l	97
69) o-Xylene	10.71	106	493118	157.14	ug/l	93
70) Styrene	10.72	104	872371	167.45	ug/l	97
71) Bromoform	10.87	173	263880	181.89	ug/l #	100
73) Isopropylbenzene	11.02	105	1363468	143.53	ug/l	99
74) N-amyl acetate	6.48	43	648352	135.50	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	525332	155.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	454489m	145.75	ug/l	
77) Bromobenzene	11.26	156	348762	138.15	ug/l	92
78) n-propylbenzene	11.37	91	1609125	140.58	ug/l	97
79) 2-Chlorotoluene	11.43	91	924565	140.08	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1180257	146.92	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	164000	172.76	ug/l	90
82) 4-Chlorotoluene	11.52	91	1148560	144.45	ug/l	97
83) tert-Butylbenzene	11.78	119	1177557	146.17	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	1230096	146.01	ug/l	97
85) sec-Butylbenzene	11.96	105	1457255	145.34	ug/l	98
86) p-Isopropyltoluene	12.07	119	1313786	147.44	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	685956	143.16	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	717592	141.88	ug/l	98
89) n-Butylbenzene	12.40	91	1269603	150.99	ug/l	99
90) Hexachloroethane	12.60	117	224347	161.51	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	691310	146.92	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	150847	157.93	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	486806	144.59	ug/l	98
94) Hexachlorobutadiene	13.79	225	172844	126.16	ug/l	98
95) Naphthalene	13.85	128	1838674	156.68	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	478536	144.45	ug/l	99

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

