

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001418.D
 Acq On : 05 May 2018 14:17
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:47 AM

Quant Time: May 06 08:02:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	270770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	543771	139.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.70%	
35) Dibromofluoromethane	5.51	113	462050	146.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.30%	
50) Toluene-d8	8.72	98	1685574	150.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.28%	
62) 4-Bromofluorobenzene	11.14	95	688895	153.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	579205	182.099	ug/l	99
3) Chloromethane	1.32	50	534145	170.796	ug/l	100
4) Vinyl Chloride	1.40	62	545473	166.702	ug/l	100
5) Bromomethane	1.64	94	251045	97.426	ug/l	99
7) Trichlorofluoromethane	1.92	101	808635	149.044	ug/l	100
8) Diethyl Ether	2.19	74	318678	167.523	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	474372	150.960	ug/l	100
10) Methyl Iodide	2.50	142	747134	215.940	ug/l	99
11) Tert butyl alcohol	3.11	59	622919	897.918	ug/l	99
12) 1,1-Dichloroethene	2.37	96	449738	158.278	ug/l	98
13) Acrolein	2.30	56	122832	360.989	ug/l	97
14) Allyl chloride	2.72	41	848248	169.187	ug/l	98
15) Acrylonitrile	3.16	53	1400197	877.725	ug/l	99
16) Acetone	2.46	43	1240175	746.486	ug/l	98
17) Carbon Disulfide	2.56	76	1254299	168.967	ug/l	99
18) Methyl Acetate	2.79	43	678924	169.755	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1540041	159.000	ug/l	99
20) Methylene Chloride	2.85	84	492866	136.276	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	485720	156.721	ug/l	98
22) Diisopropyl ether	3.88	45	1604074	166.930	ug/l	99
23) Vinyl Acetate	3.83	43	6874893	845.203	ug/l	99
24) 1,1-Dichloroethane	3.70	63	857250	159.766	ug/l	100
25) 2-Butanone	4.73	43	1910138	836.974	ug/l	99
26) 2,2-Dichloropropane	4.59	77	723885	166.927	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	539765	159.028	ug/l	96
28) Bromochloromethane	5.03	49	348008	146.608	ug/l	100
29) Tetrahydrofuran	5.18	42	1244307	879.550	ug/l	100
30) Chloroform	5.22	83	902007	159.755	ug/l	99
31) Cyclohexane	5.57	56	774564	160.581	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	830597	168.279	ug/l	99
36) 1,1-Dichloropropene	5.80	75	680868	159.137	ug/l	99
37) Ethyl Acetate	4.88	43	751156	171.846	ug/l	100
38) Carbon Tetrachloride	5.79	117	764898	169.933	ug/l	99
39) Methylcyclohexane	7.46	83	838888	165.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	1984912	161.022	ug/l	99
41) Methacrylonitrile	5.07	41	429519	169.127	ug/l	99
42) 1,2-Dichloroethane	6.20	62	737619	154.398	ug/l	100
43) Isopropyl Acetate	6.48	43	1233721	176.021	ug/l	99
44) Trichloroethene	7.22	130	610296	161.810	ug/l	100
45) 1,2-Dichloropropane	7.52	63	497140	158.355	ug/l	99
46) Dibromomethane	7.67	93	347577	157.223	ug/l	98
47) Bromodichloromethane	7.90	83	707451	177.774	ug/l	99
48) Methyl methacrylate	7.79	41	667666	177.932	ug/l	99
49) 1,4-Dioxane	7.77	88	276280	3811.385	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	4035848	890.299	ug/l	98
52) Toluene	8.79	92	1319220	163.642	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	843878	179.009	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	801262	185.503	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	531115	163.965	ug/l	98
56) Ethyl methacrylate	9.19	69	861411	190.057	ug/l	97
57) 1,3-Dichloropropane	9.38	76	869654	165.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2044689	928.381	ug/l	100
59) 2-Hexanone	9.51	43	3174704	898.873	ug/l	98
60) Dibromochloromethane	9.59	129	622639	183.379	ug/l	99
61) 1,2-Dibromoethane	9.68	107	571389	166.041	ug/l	99
64) Tetrachloroethene	9.34	164	673429	154.629	ug/l	99
65) Chlorobenzene	10.15	112	1550304	157.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	590286	172.615	ug/l	100
67) Ethyl Benzene	10.26	91	2578047	159.570	ug/l	100
68) m/p-Xylenes	10.37	106	2084018	327.199	ug/l	97
69) o-Xylene	10.71	106	1024408	165.316	ug/l	100
70) Stvrene	10.72	104	1736010	171.401	ug/l	99
71) Bromoform	10.87	173	576632	199.743	ug/l	100
73) Isopropylbenzene	11.02	105	2722100	148.728	ug/l	99
74) N-amyl acetate	6.48	43	1233721	156.552	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	844043	155.187	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	798210m	157.765	ug/l	
77) Bromobenzene	11.26	156	792654	150.858	ug/l	99
78) n-propylbenzene	11.37	91	3006211	148.336	ug/l	99
79) 2-Chlorotoluene	11.43	91	1804428	147.321	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2317317	151.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	280746	211.969	ug/l	94
82) 4-Chlorotoluene	11.52	91	2154694	147.073	ug/l	99
83) tert-Butylbenzene	11.77	119	2388928	156.729	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2391644	152.437	ug/l	99
85) sec-Butylbenzene	11.95	105	2782190	152.240	ug/l	99
86) p-Isopropyltoluene	12.07	119	2611645	155.534	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1449468	147.596	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1468243	145.579	ug/l	100
89) n-Butylbenzene	12.40	91	2253709	155.117	ug/l	98
90) Hexachloroethane	12.60	117	447020	183.732	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1468049	150.218	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	203214	182.725	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	1167654	149.430	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	616006	150.210	ug/l	100
95) Naphthalene	13.84	128	3184373	159.238	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1158508	150.398	ug/l	100

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

