

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001251.D
 Acq On : 29 Apr 2018 08:08
 Operator : JC/MD
 Sample : J2600-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Manual Integrations
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apatel
 5/1/2018 7:45:09 PM

Quant Time: Apr 30 03:58:07 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	181291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	242619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	123312	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	5.51	113	102482	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.72	98	385926	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	146153	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	87895	46.23	ug/l	99
3) Chloromethane	1.32	50	88201	44.30	ug/l	99
4) Vinyl Chloride	1.41	62	100677	47.66	ug/l	99
5) Bromomethane	1.64	94	81701	63.85	ug/l	98
6) Chloroethane	1.73	64	65057	48.93	ug/l	98
7) Trichlorofluoromethane	1.93	101	174093	51.03	ug/l	97
8) Diethyl Ether	2.19	74	62850	47.91	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93495	49.74	ug/l	100
10) Methyl Iodide	2.51	142	86043	44.89	ug/l	98
11) Tert butyl alcohol	3.07	59	113420	204.66	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90115	49.15	ug/l	98
13) Acrolein	2.30	56	39138	186.82	ug/l	97
14) Allyl chloride	2.73	41	157404	47.07	ug/l	97
15) Acrylonitrile	3.15	53	261569	221.03	ug/l	99
16) Acetone	2.45	43	240917	208.47	ug/l	100
17) Carbon Disulfide	2.57	76	216949	46.38	ug/l	99
18) Methyl Acetate	2.78	43	117434	40.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	324472	48.08	ug/l	98
20) Methylene Chloride	2.86	84	101551	47.18	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	99802	49.25	ug/l	97
22) Diisopropyl ether	3.88	45	310096	46.34	ug/l	96
23) Vinyl Acetate	3.83	43	1100234	193.81	ug/l	100
24) 1,1-Dichloroethane	3.70	63	166414	47.32	ug/l	98
25) 2-Butanone	4.71	43	350114	202.48	ug/l	100
26) 1,2-Dichloropropane	4.59	77	79024	28.55	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	109426	49.31	ug/l	93
28) Bromochloromethane	5.03	49	79676	50.53	ug/l	95
29) Tetrahydrofuran	5.17	42	231243	208.00	ug/l	99
30) Chloroform	5.23	83	187032	50.01	ug/l	99
31) Cyclohexane	5.59	56	143619	48.07	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	162850	50.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	135446	49.64	ug/l	99
37) Ethyl Acetate	4.87	43	119987	36.72	ug/l	99
38) Carbon Tetrachloride	5.79	117	145522	52.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	143223	47.43	ug/l	99
40) Benzene	6.15	78	401748	50.90	ug/l	100
41) Methacrylonitrile	5.07	41	82221	44.78	ug/l	98
42) 1,2-Dichloroethane	6.21	62	154929	48.71	ug/l	99
43) Isopropyl Acetate	6.48	43	210914	41.10	ug/l	99
44) Trichloroethene	7.22	130	121885	51.83	ug/l	97
45) 1,2-Dichloropropane	7.53	63	103817	50.01	ug/l	100
46) Dibromomethane	7.67	93	73904	51.41	ug/l	97
47) Bromodichloromethane	7.91	83	137119	52.50	ug/l	99
48) Methyl methacrylate	7.79	41	124942	45.80	ug/l	98
49) 1,4-Dioxane	7.76	88	45571	834.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	774110	229.64	ug/l	98
52) Toluene	8.79	92	267493	51.82	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	145793	48.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	137841	42.34	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	110094	50.41	ug/l	98
56) Ethyl methacrylate	9.19	69	157658	48.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	177940	50.37	ug/l	99
59) 2-Hexanone	9.51	43	587624	222.48	ug/l	100
60) Dibromochloromethane	9.59	129	120370	47.37	ug/l	100
61) 1,2-Dibromoethane	9.68	107	118242	51.68	ug/l	100
64) Tetrachloroethene	9.34	164	135916	52.48	ug/l	98
65) Chlorobenzene	10.15	112	317297	49.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	116975	53.19	ug/l	99
67) Ethyl Benzene	10.26	91	522253	50.57	ug/l	99
68) m/p-Xylenes	10.37	106	417036	102.14	ug/l	100
69) o-Xylene	10.70	106	202498	51.13	ug/l	99
70) Styrene	10.72	104	335478	50.90	ug/l	100
71) Bromoform	10.86	173	97817	43.05	ug/l	99
73) Isopropylbenzene	11.02	105	538795	49.31	ug/l	100
74) N-amyl acetate	6.48	43	210914	38.30	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	167525	46.21	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	153668m	45.01	ug/l	
77) Bromobenzene	11.26	156	160660	49.58	ug/l	98
78) n-propylbenzene	11.37	91	598339	49.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	371227	49.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	459342	49.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33147	32.84	ug/l	95
82) 4-Chlorotoluene	11.52	91	441822	49.21	ug/l	99
83) tert-Butylbenzene	11.77	119	462194	50.06	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	478537	50.32	ug/l	99
85) sec-Butylbenzene	11.95	105	531602	49.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	495855	49.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	287179	49.36	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295195	48.70	ug/l	99
89) n-Butylbenzene	12.40	91	406213	46.78	ug/l	99
90) Hexachloroethane	12.60	117	72902	45.36	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	291698	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34516	43.14	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	214439	46.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	93473	43.14	ug/l	100
95) Naphthalene	13.84	128	609548	47.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	216999	47.31	ug/l	99

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

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