

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001477.D
 Acq On : 07 May 2018 20:14
 Operator : JC/MD
 Sample : J2659-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:33 PM

Quant Time: May 08 07:13:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171520	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.51	113	141492	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	8.72	98	506904	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	194761	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	174270	53.55	ug/l	99
3) Chloromethane	1.32	50	164754	51.99	ug/l	100
4) Vinyl Chloride	1.40	62	175303	53.00	ug/l	98
5) Bromomethane	1.64	94	86411	57.60	ug/l	100
6) Chloroethane	1.72	64	113638	51.98	ug/l	98
7) Trichlorofluoromethane	1.93	101	264508	53.14	ug/l	99
8) Diethyl Ether	2.19	74	103450	53.02	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150854	51.69	ug/l	99
10) Methyl Iodide	2.51	142	236094	56.07	ug/l	99
11) Tert butyl alcohol	3.09	59	215943	294.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	143080	53.49	ug/l	99
13) Acrolein	2.30	56	39803	276.89	ug/l	97
14) Allyl chloride	2.73	41	270070	54.15	ug/l	98
15) Acrylonitrile	3.15	53	458456	276.96	ug/l	100
16) Acetone	2.45	43	416137	263.77	ug/l	99
17) Carbon Disulfide	2.57	76	359835	52.86	ug/l	99
18) Methyl Acetate	2.78	43	224835	54.24	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	500064	53.70	ug/l	99
20) Methylene Chloride	2.86	84	160295	51.32	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	153135	51.30	ug/l	100
22) Diisopropyl ether	3.88	45	496102	53.24	ug/l	99
23) Vinyl Acetate	3.83	43	2032138	261.68	ug/l	100
24) 1,1-Dichloroethane	3.70	63	272772	52.40	ug/l	100
25) 2-Butanone	4.72	43	625494	274.28	ug/l	98
26) 2,2-Dichloropropane	4.59	77	195998	48.76	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	167883	52.81	ug/l	96
28) Bromochloromethane	5.03	49	119441	52.92	ug/l	99
29) Tetrahydrofuran	5.18	42	406430	278.54	ug/l	100
30) Chloroform	5.22	83	293041	54.65	ug/l	100
31) Cyclohexane	5.57	56	238074	53.25	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	261161	55.73	ug/l	100
36) 1,1-Dichloropropene	5.81	75	207917	51.47	ug/l	100
37) Ethyl Acetate	4.87	43	229934	51.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	236769	54.96	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	245749	51.46	ug/l	98
40) Benzene	6.15	78	631854	53.56	ug/l	100
41) Methacrylonitrile	5.07	41	136038	53.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244008	53.81	ug/l	100
43) Isopropyl Acetate	6.48	43	367155	54.02	ug/l	100
44) Trichloroethene	7.22	130	196849	54.59	ug/l	99
45) 1,2-Dichloropropane	7.52	63	157320	53.49	ug/l	99
46) Dibromomethane	7.67	93	111325	53.46	ug/l	99
47) Bromodichloromethane	7.90	83	216780	56.25	ug/l	99
48) Methyl methacrylate	7.79	41	204809	55.34	ug/l	100
49) 1,4-Dioxane	7.76	88	92350	1154.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1288763	285.32	ug/l	99
52) Toluene	8.79	92	421790	54.67	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	244877	56.23	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	230708	51.18	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	167114	53.77	ug/l	99
56) Ethyl methacrylate	9.19	69	249799	55.76	ug/l	99
57) 1,3-Dichloropropane	9.38	76	275784	53.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	669	0.30	ug/l #	43
59) 2-Hexanone	9.51	43	978157	282.80	ug/l	100
60) Dibromochloromethane	9.59	129	180946	56.85	ug/l	98
61) 1,2-Dibromoethane	9.68	107	178029	54.56	ug/l	100
64) Tetrachloroethene	9.34	164	223801	52.44	ug/l	99
65) Chlorobenzene	10.15	112	473703	52.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177696	55.32	ug/l	99
67) Ethyl Benzene	10.26	91	783437	53.23	ug/l	100
68) m/p-Xylenes	10.37	106	629824	108.30	ug/l	100
69) o-Xylene	10.71	106	307067	54.33	ug/l	99
70) Styrene	10.72	104	510784	55.63	ug/l	100
71) Bromoform	10.87	173	150499	48.81	ug/l	99
73) Isopropylbenzene	11.02	105	824260	53.70	ug/l	100
74) N-amyl acetate	6.48	43	367155	52.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	242782	53.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	238712m	53.09	ug/l	
77) Bromobenzene	11.26	156	233728	52.38	ug/l	99
78) n-propylbenzene	11.37	91	911858	54.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	544691	52.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	688496	53.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66915	47.66	ug/l	98
82) 4-Chlorotoluene	11.52	91	637240	53.70	ug/l	100
83) tert-Butylbenzene	11.77	119	673632	52.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	716152	54.53	ug/l	100
85) sec-Butylbenzene	11.95	105	829800	54.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	771616	55.11	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	419685	52.61	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	425599	52.31	ug/l	100
89) n-Butylbenzene	12.40	91	624733	53.85	ug/l	100
90) Hexachloroethane	12.60	117	118220	56.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	426415	52.54	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57531	57.76	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319313	53.77	ug/l	100
94) Hexachlorobutadiene	13.79	225	163796	50.41	ug/l	100
95) Naphthalene	13.84	128	932133	56.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329794	54.12	ug/l	100

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

