

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001900.D
 Acq On : 22 May 2018 18:17
 Operator : JC/MD
 Sample : J2988-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MSD

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:45 AM

Quant Time: May 23 08:27:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167502	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.51	113	144507	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	8.72	98	507832	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	169956	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107656	43.81	ug/l	99
3) Chloromethane	1.32	50	133690	50.36	ug/l	100
4) Vinyl Chloride	1.40	62	137749	48.00	ug/l	99
5) Bromomethane	1.64	94	60424	50.03	ug/l	99
6) Chloroethane	1.72	64	97521	53.95	ug/l	98
7) Trichlorofluoromethane	1.92	101	203895	48.89	ug/l	98
8) Diethyl Ether	2.19	74	89888	52.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119398	47.56	ug/l	100
10) Methyl Iodide	2.51	142	172944	74.88	ug/l	99
11) Tert butyl alcohol	3.09	59	191868	329.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113256	46.80	ug/l	98
13) Acrolein	2.30	56	70843	171.42	ug/l	97
14) Allyl chloride	2.73	41	242023	54.10	ug/l	98
15) Acrylonitrile	3.15	53	434647	296.98	ug/l	100
16) Acetone	2.45	43	380994	295.55	ug/l	98
17) Carbon Disulfide	2.57	76	250823	39.73	ug/l	98
18) Methyl Acetate	2.78	43	241758	64.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	442920	54.30	ug/l	100
20) Methylene Chloride	2.86	84	138913	50.34	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	126143	47.31	ug/l	98
22) Diisopropyl ether	3.88	45	471225	54.91	ug/l	97
23) Vinyl Acetate	3.83	43	1566072	253.28	ug/l	98
24) 1,1-Dichloroethane	3.70	63	248864	52.88	ug/l	99
25) 2-Butanone	4.72	43	644764	326.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	186865	49.32	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166595	54.91	ug/l	99
28) Bromochloromethane	5.03	49	132508	63.38	ug/l	97
29) Tetrahydrofuran	5.18	42	412284	320.47	ug/l	98
30) Chloroform	5.22	83	273379	55.30	ug/l	99
31) Cyclohexane	5.57	56	203556	49.34	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	232513	54.43	ug/l	99
36) 1,1-Dichloropropene	5.80	75	181655	48.79	ug/l	99
37) Ethyl Acetate	4.88	43	230682	59.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	206450	52.93	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207707	47.75	ug/l	99
40) Benzene	6.15	78	584990	53.33	ug/l	100
41) Methacrylonitrile	5.07	41	136677	60.91	ug/l	98
42) 1,2-Dichloroethane	6.21	62	217787	54.89	ug/l	100
43) Isopropyl Acetate	6.48	43	355854	58.60	ug/l	99
44) Trichloroethene	7.22	130	181941	53.44	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151844	56.41	ug/l	99
46) Dibromomethane	7.67	93	102771	54.37	ug/l	99
47) Bromodichloromethane	7.90	83	203781	58.10	ug/l	100
48) Methyl methacrylate	7.79	41	196111	61.35	ug/l	98
49) 1,4-Dioxane	7.77	88	87660	1424.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1239567	322.08	ug/l	100
52) Toluene	8.79	92	382255	54.23	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	226819	54.96	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	202993	55.80	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	145736	54.09	ug/l	98
56) Ethyl methacrylate	9.19	69	214948	56.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	239078	53.00	ug/l	100
59) 2-Hexanone	9.51	43	876496	318.14	ug/l	99
60) Dibromochloromethane	9.59	129	156400	56.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150725	53.43	ug/l	99
64) Tetrachloroethene	9.34	164	228153	64.30	ug/l	96
65) Chlorobenzene	10.15	112	392901	52.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	152217	57.49	ug/l	99
67) Ethyl Benzene	10.26	91	644145	53.76	ug/l	99
68) m/p-Xylenes	10.37	106	513005	108.52	ug/l	100
69) o-Xylene	10.71	106	253370	55.97	ug/l	100
70) Stvrene	10.72	104	405029	54.24	ug/l	99
71) Bromoform	10.87	173	130452	52.76	ug/l	100
73) Isopropylbenzene	11.02	105	674679	57.51	ug/l	100
74) N-amyl acetate	6.48	43	355854	63.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	212907	60.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206852m	61.06	ug/l	
77) Bromobenzene	11.26	156	193203	56.04	ug/l	99
78) n-propylbenzene	11.37	91	734636	55.58	ug/l	99
79) 2-Chlorotoluene	11.43	91	445983	56.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	556293	57.80	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58157	51.09	ug/l	97
82) 4-Chlorotoluene	11.52	91	511840	54.96	ug/l	99
83) tert-Butylbenzene	11.77	119	574590	59.99	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	577876	57.98	ug/l	100
85) sec-Butylbenzene	11.95	105	668192	56.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	617526	56.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	342958	53.80	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	345847	52.46	ug/l	100
89) n-Butylbenzene	12.40	91	484254	51.18	ug/l	100
90) Hexachloroethane	12.60	117	101440	59.70	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	356134	56.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50067	66.66	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	258511	51.06	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	132526	48.75	ug/l	98
95) Naphthalene	13.84	128	778054	59.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274873	53.91	ug/l	100

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

