

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001656.D
 Acq On : 11 May 2018 22:48
 Operator : JC/MD
 Sample : J2741-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:30 PM

Quant Time: May 12 07:27:37 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	252106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152142	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	
35) Dibromofluoromethane	5.51	113	130248	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
50) Toluene-d8	8.72	98	451216	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	
62) 4-Bromofluorobenzene	11.14	95	167366	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	147186	43.37	ug/l	99
3) Chloromethane	1.32	50	144337	43.67	ug/l	99
4) Vinyl Chloride	1.40	62	412587	119.61	ug/l	99
5) Bromomethane	1.64	94	68339	42.79	ug/l	100
6) Chloroethane	1.72	64	108187	47.45	ug/l	100
7) Trichlorofluoromethane	1.93	101	237252	45.70	ug/l	100
8) Diethyl Ether	2.19	74	96792	47.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137884	45.30	ug/l	99
10) Methyl Iodide	2.51	142	165686	37.73	ug/l	99
11) Tert butyl alcohol	3.09	59	173223	226.74	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135705	48.65	ug/l	98
13) Acrolein	2.30	56	24687	159.70	ug/l	97
14) Allyl chloride	2.73	41	245464	47.19	ug/l	98
15) Acrylonitrile	3.15	53	418338	242.32	ug/l	100
16) Acetone	2.45	43	351725	213.76	ug/l	97
17) Carbon Disulfide	2.57	76	305834	43.08	ug/l	99
18) Methyl Acetate	2.78	43	218658	50.58	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	469902	48.38	ug/l	98
20) Methylene Chloride	2.86	84	148438	45.56	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	143747	46.17	ug/l	98
22) Diisopropyl ether	3.88	45	477300	49.11	ug/l	99
23) Vinyl Acetate	3.83	43	1857303	229.32	ug/l	99
24) 1,1-Dichloroethane	3.70	63	275386	50.73	ug/l	100
25) 2-Butanone	4.72	43	564880	237.50	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173340	41.35	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	2908042	877.06	ug/l	85
28) Bromochloromethane	5.03	49	116889	49.66	ug/l	99
29) Tetrahydrofuran	5.18	42	366280	240.69	ug/l	100
30) Chloroform	5.22	83	279515	49.98	ug/l	98
31) Cyclohexane	5.58	56	216118	46.35	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	247518	50.64	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192542	46.04	ug/l	99
37) Ethyl Acetate	4.87	43	205153	44.75	ug/l #	81
38) Carbon Tetrachloride	5.79	117	222888	49.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222667	45.03	ug/l	97
40) Benzene	6.15	78	594772	48.69	ug/l	99
41) Methacrylonitrile	5.07	41	126120	48.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	224683	47.86	ug/l	100
43) Isopropyl Acetate	6.48	43	338068	48.04	ug/l	99
44) Trichloroethene	7.22	130	180631	48.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	152529	50.09	ug/l	99
46) Dibromomethane	7.67	93	104814	48.62	ug/l	99
47) Bromodichloromethane	7.90	83	208219	52.19	ug/l	98
48) Methyl methacrylate	7.79	41	189451	49.44	ug/l	99
49) 1,4-Dioxane	7.76	88	72310	873.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1181252	252.58	ug/l	99
52) Toluene	8.79	92	390805	48.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227125	50.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206718	44.60	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	158481	49.25	ug/l	98
56) Ethyl methacrylate	9.19	69	228891	49.34	ug/l	98
57) 1,3-Dichloropropane	9.38	76	256543	48.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	471	0.21	ug/l #	43
59) 2-Hexanone	9.51	43	860440	240.27	ug/l	99
60) Dibromochloromethane	9.59	129	170922	51.87	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164751	48.76	ug/l	99
64) Tetrachloroethene	9.34	164	195612	45.67	ug/l	97
65) Chlorobenzene	10.15	112	436019	48.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166966	51.79	ug/l	99
67) Ethyl Benzene	10.26	91	716015	48.47	ug/l	99
68) m/p-Xylenes	10.37	106	571435	97.90	ug/l	99
69) o-Xylene	10.71	106	280156	49.39	ug/l	99
70) Styrene	10.72	104	462782	50.22	ug/l	99
71) Bromoform	10.87	173	139429	45.33	ug/l	99
73) Isopropylbenzene	11.02	105	748392	50.39	ug/l	100
74) N-amyl acetate	6.48	43	338068	50.11	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232580	53.02	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	217665m	50.03	ug/l	
77) Bromobenzene	11.26	156	214549	49.69	ug/l	99
78) n-propylbenzene	11.37	91	818167	50.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	496390	49.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	618673	50.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59387	44.07	ug/l	98
82) 4-Chlorotoluene	11.52	91	571036	49.74	ug/l	100
83) tert-Butylbenzene	11.77	119	648141	52.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	642681	50.57	ug/l	99
85) sec-Butylbenzene	11.95	105	755365	51.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	689109	50.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	379328	49.14	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	383320	48.69	ug/l	100
89) n-Butylbenzene	12.40	91	549676	48.97	ug/l	100
90) Hexachloroethane	12.60	117	112370	55.09	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388641	49.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52100	54.06	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286521	49.86	ug/l	99
94) Hexachlorobutadiene	13.79	225	150206	47.77	ug/l	99
95) Naphthalene	13.84	128	849515	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299593	50.81	ug/l	100

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

