

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003145.D
 Acq On : 03 Jul 2018 13:37
 Operator : JC/MD
 Sample : J3754-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:57 PM

Quant Time: Jul 04 03:49:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	188635	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	5.51	113	159822	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	8.72	98	544130	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.14	95	207050	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	133095	51.515	ug/l	99
3) Chloromethane	1.32	50	141246	52.710	ug/l	99
4) Vinyl Chloride	1.40	62	163296	49.891	ug/l	99
5) Bromomethane	1.64	94	53368	34.063	ug/l	97
6) Chloroethane	1.72	64	99667	51.986	ug/l	100
7) Trichlorofluoromethane	1.93	101	247343	44.800	ug/l	99
8) Diethyl Ether	2.19	74	94751	47.207	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140222	43.832	ug/l	97
10) Methyl Iodide	2.51	142	137890	43.436	ug/l	98
11) Tert butyl alcohol	3.09	59	215382	270.271	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134928	47.272	ug/l	92
13) Acrolein	2.29	56	56549	130.060	ug/l	96
14) Allyl chloride	2.73	41	234305	41.643	ug/l	95
15) Acrylonitrile	3.15	53	420968	247.314	ug/l	99
16) Acetone	2.45	43	387752	234.055	ug/l	95
17) Carbon Disulfide	2.57	76	367293	48.296	ug/l	98
18) Methyl Acetate	2.78	43	154043	33.257	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	479781	46.756	ug/l	99
20) Methylene Chloride	2.86	84	152219	47.216	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145991	46.960	ug/l	93
22) Diisopropyl ether	3.88	45	493717	45.905	ug/l	96
23) Vinyl Acetate	3.83	43	1608261	176.593	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273982	46.869	ug/l	100
25) 2-Butanone	4.72	43	648614	263.808	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74540	15.682	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	177176	50.829	ug/l	88
28) Bromochloromethane	5.03	49	127482	45.561	ug/l	88
29) Tetrahydrofuran	5.18	42	419875	266.304	ug/l	95
30) Chloroform	5.22	83	299344	49.897	ug/l	99
31) Cyclohexane	5.57	56	317751	63.338	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	264514	50.114	ug/l	98
36) 1,1-Dichloropropene	5.80	75	218268	48.553	ug/l	98
37) Ethyl Acetate	4.87	43	191250	39.512	ug/l	98
38) Carbon Tetrachloride	5.78	117	241406	48.935	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312744	59.727	ug/l	96
40) Benzene	6.15	78	8869259	679.033	ug/l	99
41) Methacrylonitrile	5.07	41	140997	50.588	ug/l	96
42) 1,2-Dichloroethane	6.21	62	237686	45.048	ug/l	97
43) Isopropyl Acetate	6.48	43	344687	42.462	ug/l	98
44) Trichloroethene	7.21	130	189245	48.596	ug/l	99
45) 1,2-Dichloropropane	7.53	63	168375	48.596	ug/l	99
46) Dibromomethane	7.67	93	114838	47.759	ug/l	93
47) Bromodichloromethane	7.90	83	214202	48.187	ug/l	98
48) Methyl methacrylate	7.79	41	206396	49.345	ug/l	93
49) 1,4-Dioxane	7.76	88	80289	986.632	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1262310	248.542	ug/l	97
52) Toluene	8.79	92	405247	48.431	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	214630	42.634	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	200355	41.362	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	169159	49.197	ug/l	97
56) Ethyl methacrylate	9.19	69	255762	50.896	ug/l	93
57) 1,3-Dichloropropane	9.38	76	271276	48.037	ug/l	99
59) 2-Hexanone	9.51	43	988825	256.174	ug/l	96
60) Dibromochloromethane	9.59	129	182770	50.494	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179582	49.793	ug/l	99
64) Tetrachloroethene	9.34	164	189158	46.010	ug/l	99
65) Chlorobenzene	10.14	112	467955	49.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177253	51.957	ug/l	100
67) Ethyl Benzene	10.26	91	925144	59.634	ug/l	100
68) m/p-Xylenes	10.37	106	715699	119.703	ug/l	97
69) o-Xylene	10.70	106	345340	59.319	ug/l	96
70) Styrene	10.71	104	505560	53.443	ug/l	99
71) Bromoform	10.86	173	148561	48.337	ug/l	99
73) Isopropylbenzene	11.02	105	895947	58.349	ug/l	100
74) N-amyl acetate	6.48	43	344687	45.879	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	252010	53.279	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235690m	57.006	ug/l	
77) Bromobenzene	11.26	156	228371	52.226	ug/l	95
78) n-propylbenzene	11.37	91	911469	52.149	ug/l	98
79) 2-Chlorotoluene	11.43	91	545909	51.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	720522	55.713	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51464	37.049	ug/l	99
82) 4-Chlorotoluene	11.51	91	631125	50.380	ug/l	98
83) tert-Butylbenzene	11.77	119	680384	53.382	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	754950	56.341	ug/l	99
85) sec-Butylbenzene	11.95	105	790743	51.141	ug/l	99
86) p-Isopropyltoluene	12.07	119	712981	51.289	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	404257	50.618	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408346	49.685	ug/l	99
89) n-Butylbenzene	12.39	91	577793	47.754	ug/l	99
90) Hexachloroethane	12.60	117	114948	55.593	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	410333	50.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59729	56.173	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	297033	50.633	ug/l	99

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	137744	47.078	ug/l	99
95) Naphthalene	13.84	128	886674	56.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310024	52.910	ug/l	100

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

