

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004785.D
 Acq On : 27 Sep 2018 20:10
 Operator : JC/MD
 Sample : J5048-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:09 PM

Quant Time: Sep 28 07:39:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171288	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	139762	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
50) Toluene-d8	8.72	98	535691	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	196471	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	197742	59.669	ug/l	98
3) Chloromethane	1.32	50	209427	52.088	ug/l	99
4) Vinyl Chloride	1.40	62	212443	56.336	ug/l	99
5) Bromomethane	1.64	94	75365	33.703	ug/l	99
6) Chloroethane	1.71	64	148730	73.464	ug/l	99
7) Trichlorofluoromethane	1.92	101	263623	56.469	ug/l	93
8) Diethyl Ether	2.19	74	105184	51.863	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144865	54.475	ug/l	98
10) Methyl Iodide	2.51	142	109851	30.870	ug/l	99
11) Tert butyl alcohol	3.08	59	232274	239.257	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141985	53.913	ug/l	96
13) Acrolein	2.29	56	158349	229.249	ug/l	96
14) Allyl chloride	2.73	41	312412	54.368	ug/l	96
15) Acrylonitrile	3.15	53	561146	262.570	ug/l	99
16) Acetone	2.45	43	483826	238.686	ug/l	97
17) Carbon Disulfide	2.57	76	437810	55.324	ug/l	98
18) Methyl Acetate	2.78	43	258439	50.322	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	510921	56.243	ug/l	95
20) Methylene Chloride	2.85	84	163685	55.633	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	151789	52.651	ug/l	95
22) Diisopropyl ether	3.87	45	535260	55.318	ug/l	96
23) Vinyl Acetate	3.82	43	2258599	255.003	ug/l	95
24) 1,1-Dichloroethane	3.70	63	286263	49.596	ug/l	99
25) 2-Butanone	4.70	43	748132	250.386	ug/l	93
26) 2,2-Dichloropropane	4.58	77	180544	44.919	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	176392	54.770	ug/l	97
28) Bromochloromethane	5.02	49	136976	50.395	ug/l	90
29) Tetrahydrofuran	5.16	42	497275	267.770	ug/l	92
30) Chloroform	5.21	83	275544	50.512	ug/l	99
31) Cyclohexane	5.57	56	259684	58.783	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	238107	53.447	ug/l	99
36) 1,1-Dichloropropene	5.79	75	208460	48.540	ug/l	100
37) Ethyl Acetate	4.86	43	257642	45.195	ug/l	97
38) Carbon Tetrachloride	5.78	117	209767	46.466	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249623	56.923	ug/l	94
40) Benzene	6.14	78	634737	47.209	ug/l	99
41) Methacrylonitrile	5.06	41	152916	48.368	ug/l	96
42) 1,2-Dichloroethane	6.20	62	223834	47.093	ug/l	97
43) Isopropyl Acetate	6.46	43	395378	48.052	ug/l	96
44) Trichloroethene	7.21	130	175099	52.976	ug/l	94
45) 1,2-Dichloropropane	7.52	63	170396	51.679	ug/l	96
46) Dibromomethane	7.66	93	108569	52.394	ug/l	97
47) Bromodichloromethane	7.90	83	207555	53.499	ug/l	99
48) Methyl methacrylate	7.78	41	215136	57.606	ug/l	93
49) 1,4-Dioxane	7.76	88	83847	903.694	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1429104	275.846	ug/l	96
52) Toluene	8.79	92	391802	53.033	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	232705	53.079	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	246691	53.722	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162954	50.354	ug/l	98
56) Ethyl methacrylate	9.18	69	258025	49.184	ug/l	93
57) 1,3-Dichloropropane	9.37	76	275411	51.134	ug/l	99
59) 2-Hexanone	9.50	43	1127468	261.154	ug/l	93
60) Dibromochloromethane	9.59	129	168350	52.018	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168815	48.709	ug/l	99
64) Tetrachloroethene	9.34	164	150798	43.271	ug/l	97
65) Chlorobenzene	10.14	112	437154	48.146	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	157297	49.277	ug/l	99
67) Ethyl Benzene	10.26	91	749046	51.962	ug/l	98
68) m/p-Xylenes	10.36	106	586013	104.030	ug/l	95
69) o-Xylene	10.70	106	283092	54.715	ug/l	98
70) Styrene	10.71	104	469342	48.565	ug/l	97
71) Bromoform	10.86	173	136222	49.847	ug/l	99
73) Isopropylbenzene	11.02	105	747692	54.874	ug/l	99
74) N-amyl acetate	10.90	43	355191	47.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	270124	48.702	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	241387m	49.820	ug/l	
77) Bromobenzene	11.26	156	200259	50.601	ug/l	98
78) n-propylbenzene	11.36	91	855600	54.728	ug/l	100
79) 2-Chlorotoluene	11.42	91	515916	52.943	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	636681	50.986	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	76133	43.140	ug/l	98
82) 4-Chlorotoluene	11.51	91	608947	53.090	ug/l	99
83) tert-Butylbenzene	11.77	119	630869	56.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	658895	51.166	ug/l	98
85) sec-Butylbenzene	11.94	105	744659	54.497	ug/l	99
86) p-Isopropyltoluene	12.07	119	673131	54.373	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	366350	49.573	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	373435	48.951	ug/l	99
89) n-Butylbenzene	12.39	91	599050	53.280	ug/l	98
90) Hexachloroethane	12.60	117	107426	52.117	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	369540	47.850	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62146	51.030	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	277417	51.207	ug/l	99

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QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	129884	46.234	ug/l	97
95) Naphthalene	13.83	128	903601	50.249	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	286737	51.236	ug/l	98

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

