

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005510.D
 Acq On : 23 Oct 2018 09:53
 Operator : JC/MD
 Sample : J5603-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT104MSD

Manual Integrations
 APPROVED

MMDadoda
 10/23/2018 1:28:18 PM

Quant Time: Oct 23 12:21:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120672	60.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	121.48%	
35) Dibromofluoromethane	5.51	113	93757	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.72	98	330913	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.14	95	128024	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65647	46.907	ug/l	93
3) Chloromethane	1.32	50	101654	50.128	ug/l	100
4) Vinyl Chloride	1.40	62	102594	49.942	ug/l	98
5) Bromomethane	1.64	94	64351	55.402	ug/l	93
6) Chloroethane	1.71	64	66503	55.379	ug/l	96
7) Trichlorofluoromethane	1.92	101	145548	53.093	ug/l	95
8) Diethyl Ether	2.19	74	64517	55.112	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74507	47.089	ug/l	97
10) Methyl Iodide	2.51	142	92771	53.300	ug/l	96
11) Tert butyl alcohol	3.08	59	156693	279.620	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81077	51.717	ug/l	91
13) Acrolein	2.29	56	83859	234.377	ug/l	97
14) Allyl chloride	2.73	41	184928	53.729	ug/l	95
15) Acrylonitrile	3.15	53	356174	280.483	ug/l	96
16) Acetone	2.45	43	334462	291.190	ug/l	99
17) Carbon Disulfide	2.56	76	212658	44.779	ug/l	100
18) Methyl Acetate	2.78	43	179584	54.956	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	331742	60.084	ug/l	98
20) Methylene Chloride	2.85	84	99592	59.763	ug/l	# 90
21) trans-1,2-Dichloroethene	3.16	96	89088	51.278	ug/l	96
22) Diisopropyl ether	3.87	45	357653	61.866	ug/l	# 85
23) Vinyl Acetate	3.82	43	1273357	252.006	ug/l	95
24) 1,1-Dichloroethane	3.70	63	191960	57.937	ug/l	99
25) 2-Butanone	4.71	43	489102	291.038	ug/l	93
26) 2,2-Dichloropropane	4.58	77	85876	34.657	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	102315	54.189	ug/l	98
28) Bromochloromethane	5.02	49	89924	59.536	ug/l	89
29) Tetrahydrofuran	5.16	42	311335	290.432	ug/l	91
30) Chloroform	5.21	83	175815	57.170	ug/l	98
31) Cyclohexane	5.57	56	125479	45.950	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	150848	56.373	ug/l	99
36) 1,1-Dichloropropene	5.79	75	118641	43.997	ug/l	99
37) Ethyl Acetate	4.86	43	151122	43.578	ug/l	96
38) Carbon Tetrachloride	5.78	117	130183	48.047	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107315	36.771	ug/l	95
40) Benzene	6.15	78	404905	50.055	ug/l	97
41) Methacrylonitrile	5.06	41	97596	52.495	ug/l	95
42) 1,2-Dichloroethane	6.20	62	150153	52.569	ug/l	96
43) Isopropyl Acetate	6.46	43	242582	52.512	ug/l	95
44) Trichloroethene	7.21	130	98204	47.515	ug/l	93
45) 1,2-Dichloropropane	7.52	63	105919	53.379	ug/l	100
46) Dibromomethane	7.66	93	68119	52.014	ug/l	97
47) Bromodichloromethane	7.90	83	135052	55.750	ug/l	100
48) Methyl methacrylate	7.78	41	137290	57.302	ug/l	94
49) 1,4-Dioxane	7.76	88	53930	975.907	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	942490	294.655	ug/l	94
52) Toluene	8.79	92	235869	53.298	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	137829	52.575	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	145205	51.118	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	104071	55.521	ug/l	98
56) Ethyl methacrylate	9.18	69	160816	58.851	ug/l	92
57) 1,3-Dichloropropane	9.37	76	171859	54.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.28	63	743	0.485	ug/l #	45
59) 2-Hexanone	9.50	43	747170	290.390	ug/l	92
60) Dibromochloromethane	9.59	129	110957	57.266	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106241	54.007	ug/l	100
64) Tetrachloroethene	9.34	164	94262	45.042	ug/l	97
65) Chlorobenzene	10.14	112	270990	49.007	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	102828	52.183	ug/l	99
67) Ethyl Benzene	10.26	91	456482	50.781	ug/l	97
68) m/p-Xylenes	10.36	106	352406	101.004	ug/l	94
69) o-Xylene	10.70	106	173099	51.442	ug/l	97
70) Styrene	10.71	104	292845	52.911	ug/l	97
71) Bromoform	10.86	173	92859	52.733	ug/l #	99
73) Isopropylbenzene	11.02	105	457782	52.982	ug/l	99
74) N-amyl acetate	10.90	43	207855	49.876	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	176185	54.054	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	151108m	53.598	ug/l	
77) Bromobenzene	11.26	156	127862	51.755	ug/l	98
78) n-propylbenzene	11.36	91	523789	52.680	ug/l	99
79) 2-Chlorotoluene	11.42	91	324138	53.230	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	392603	53.061	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	42927	46.264	ug/l	99
82) 4-Chlorotoluene	11.51	91	380912	52.769	ug/l	99
83) tert-Butylbenzene	11.77	119	399036	53.256	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	408968	53.710	ug/l	97
85) sec-Butylbenzene	11.95	105	451803	50.953	ug/l	99
86) p-Isopropyltoluene	12.07	119	404409	50.460	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	230534	49.937	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	236074	49.987	ug/l	99
89) n-Butylbenzene	12.39	91	344294	47.314	ug/l	97
90) Hexachloroethane	12.60	117	71659	51.881	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	241462	51.255	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41926	52.733	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173516	50.203	ug/l	99
94) Hexachlorobutadiene	13.79	225	76935	42.146	ug/l	98
95) Naphthalene	13.83	128	574804	57.344	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	181877	51.429	ug/l	99

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

