

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091118\
 Data File : VX004470.D
 Acq On : 11 Sep 2018 16:42
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 11:26:38 AM

Quant Time: Sep 12 02:20:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	278133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173613	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	155331	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	528529	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.14	95	196415	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	123934	47.55	ug/l	97
3) Chloromethane	1.32	50	163585	45.60	ug/l	96
4) Vinyl Chloride	1.40	62	164946	44.80	ug/l	93
5) Bromomethane	1.64	94	89226	58.07	ug/l	94
6) Chloroethane	1.71	64	104240	43.78	ug/l	94
7) Trichlorofluoromethane	1.92	101	225245	46.15	ug/l	99
8) Diethyl Ether	2.18	74	101909	46.57	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142552	46.04	ug/l	98
10) Methyl Iodide	2.51	142	156549	42.95	ug/l	97
11) Tert butyl alcohol	3.07	59	196344	229.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133481	45.93	ug/l	89
13) Acrolein	2.29	56	77287	228.80	ug/l	97
14) Allyl chloride	2.73	41	283980	47.53	ug/l	95
15) Acrylonitrile	3.15	53	470450	228.29	ug/l	98
16) Acetone	2.45	43	372999	213.10	ug/l	99
17) Carbon Disulfide	2.57	76	389877	46.41	ug/l	100
18) Methyl Acetate	2.78	43	221271	45.06	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	488882	47.94	ug/l	97
20) Methylene Chloride	2.85	84	159379	44.39	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	149965	46.70	ug/l	96
22) Diisopropyl ether	3.87	45	504387	46.87	ug/l	92
23) Vinyl Acetate	3.82	43	2252729	258.69	ug/l	98
24) 1,1-Dichloroethane	3.70	63	288763	47.53	ug/l	96
25) 2-Butanone	4.70	43	616572	221.33	ug/l	98
26) 2,2-Dichloropropane	4.57	77	212207	50.86	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	169882	47.39	ug/l	97
28) Bromochloromethane	5.02	49	139252	50.11	ug/l	95
29) Tetrahydrofuran	5.15	42	399170	237.61	ug/l	97
30) Chloroform	5.21	83	271146	45.71	ug/l	87
31) Cyclohexane	5.57	56	257093	49.56	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	217716	45.57	ug/l	98
36) 1,1-Dichloropropene	5.79	75	210045	50.08	ug/l	99
37) Ethyl Acetate	4.86	43	234458	49.15	ug/l	99
38) Carbon Tetrachloride	5.78	117	193421	47.22	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230662	52.70	ug/l	96
40) Benzene	6.14	78	575103	46.21	ug/l	100
41) Methacrylonitrile	5.06	41	132161	50.28	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188685	45.72	ug/l	99
43) Isopropyl Acetate	6.46	43	318040	50.20	ug/l	99
44) Trichloroethene	7.21	130	156237	48.32	ug/l	97
45) 1,2-Dichloropropane	7.52	63	148806	49.69	ug/l	99
46) Dibromomethane	7.66	93	94857	50.14	ug/l	98
47) Bromodichloromethane	7.90	83	179588	50.20	ug/l	99
48) Methyl methacrylate	7.77	41	167987	53.57	ug/l	97
49) 1,4-Dioxane	7.76	88	77364	1042.45	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1067883	238.83	ug/l	97
52) Toluene	8.79	92	354258	48.32	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210093	50.27	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	229606	53.90	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	143424	45.43	ug/l	96
56) Ethyl methacrylate	9.18	69	223803	50.11	ug/l	98
57) 1,3-Dichloropropane	9.37	76	243091	47.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	578634	254.17	ug/l	95
59) 2-Hexanone	9.50	43	823353	240.07	ug/l	97
60) Dibromochloromethane	9.59	129	147085	49.49	ug/l	100
61) 1,2-Dibromoethane	9.67	107	151308	50.17	ug/l	99
64) Tetrachloroethene	9.34	164	169404	41.23	ug/l	98
65) Chlorobenzene	10.14	112	400473	49.00	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	140627	49.89	ug/l	99
67) Ethyl Benzene	10.26	91	683580	51.43	ug/l	99
68) m/p-Xylenes	10.36	106	536767	104.84	ug/l	97
69) o-Xylene	10.70	106	255382	51.89	ug/l	98
70) Styrene	10.71	104	434928	53.34	ug/l	98
71) Bromoform	10.86	173	114913	49.65	ug/l #	98
73) Isopropylbenzene	11.02	105	691861	51.59	ug/l	99
74) N-amyl acetate	10.90	43	296723	52.57	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	210578	48.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	202763m	49.49	ug/l	
77) Bromobenzene	11.26	156	183962	49.63	ug/l	98
78) n-propylbenzene	11.36	91	802420	52.04	ug/l	100
79) 2-Chlorotoluene	11.42	91	471028	50.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	592825	52.58	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	69903	54.39	ug/l	94
82) 4-Chlorotoluene	11.51	91	563521	51.63	ug/l	100
83) tert-Butylbenzene	11.77	119	557377	51.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	609777	52.97	ug/l	98
85) sec-Butylbenzene	11.94	105	709345	51.86	ug/l	99
86) p-Isopropyltoluene	12.07	119	641838	53.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	342845	49.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	353431	49.46	ug/l	99
89) n-Butylbenzene	12.39	91	584653	53.12	ug/l	98
90) Hexachloroethane	12.60	117	95804	49.55	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	343592	49.08	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47440	51.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262960	53.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	127102	49.09	ug/l	97
95) Naphthalene	13.83	128	750663	54.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	261504	51.35	ug/l	99

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

