

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101218\
 Data File : VX005287.D
 Acq On : 12 Oct 2018 11:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:44 AM

Quant Time: Oct 12 16:13:03 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	5.66	168	283304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152448	48.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.50	113	121011	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	8.71	98	460706	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	173748	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116659	52.666	ug/l	97
3) Chloromethane	1.32	50	152040	47.370	ug/l	98
4) Vinyl Chloride	1.40	62	158091	48.623	ug/l	99
5) Bromomethane	1.64	94	98845	53.783	ug/l	98
6) Chloroethane	1.71	64	94868	49.336	ug/l	98
7) Trichlorofluoromethane	1.92	101	218777	50.422	ug/l	96
8) Diethyl Ether	2.19	74	89846	48.491	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129359	51.654	ug/l	97
10) Methyl Iodide	2.51	142	113601	41.800	ug/l	98
11) Tert butyl alcohol	3.09	59	222027	250.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121349	48.906	ug/l	95
13) Acrolein	2.29	56	141420	249.868	ug/l	96
14) Allyl chloride	2.72	41	271254	49.793	ug/l	95
15) Acrylonitrile	3.15	53	481264	239.450	ug/l	96
16) Acetone	2.45	43	455635	250.630	ug/l	96
17) Carbon Disulfide	2.56	76	377188	50.181	ug/l	100
18) Methyl Acetate	2.78	43	245471	47.461	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	433367	49.591	ug/l	96
20) Methylene Chloride	2.85	84	138389	52.304	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	131249	47.731	ug/l	97
22) Diisopropyl ether	3.87	45	424084	46.348	ug/l	97
23) Vinyl Acetate	3.82	43	1910888	238.936	ug/l	96
24) 1,1-Dichloroethane	3.69	63	249550	47.587	ug/l	97
25) 2-Butanone	4.70	43	643439	241.904	ug/l	95
26) 2,2-Dichloropropane	4.58	77	191576	48.847	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137413	45.982	ug/l	94
28) Bromochloromethane	5.01	49	108614	45.434	ug/l	93
29) Tetrahydrofuran	5.16	42	402322	237.124	ug/l	93
30) Chloroform	5.21	83	229666	47.184	ug/l	99
31) Cyclohexane	5.57	56	213425	49.379	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	200824	47.417	ug/l	99
36) 1,1-Dichloropropene	5.79	75	196452	51.563	ug/l	98
37) Ethyl Acetate	4.85	43	241852	49.361	ug/l	97
38) Carbon Tetrachloride	5.77	117	190696	49.814	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223798	54.275	ug/l	88
40) Benzene	6.14	78	555549	48.609	ug/l	99
41) Methacrylonitrile	5.06	41	123371	46.967	ug/l	97
42) 1,2-Dichloroethane	6.20	62	188789	46.781	ug/l	97
43) Isopropyl Acetate	6.46	43	345337	52.911	ug/l	96
44) Trichloroethene	7.21	130	144784	49.609	ug/l	94
45) 1,2-Dichloropropane	7.52	63	138747	49.490	ug/l	99
46) Dibromomethane	7.66	93	90690	49.012	ug/l	99
47) Bromodichloromethane	7.90	83	172045	50.267	ug/l	99
48) Methyl methacrylate	7.77	41	178931	52.858	ug/l	95
49) 1,4-Dioxane	7.76	88	83213	1065.775	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1187813	262.834	ug/l	96
52) Toluene	8.79	92	331570	53.028	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202525	54.678	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	216990	54.067	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	134825	50.909	ug/l	97
56) Ethyl methacrylate	9.18	69	213850	55.390	ug/l	95
57) 1,3-Dichloropropane	9.37	76	224791	50.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	585923	270.608	ug/l	95
59) 2-Hexanone	9.50	43	961587	264.513	ug/l	94
60) Dibromochloromethane	9.59	129	143463	52.406	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140338	50.492	ug/l	100
64) Tetrachloroethene	9.34	164	141711	48.118	ug/l	98
65) Chlorobenzene	10.14	112	376855	48.430	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	135362	48.814	ug/l	99
67) Ethyl Benzene	10.25	91	647014	51.147	ug/l	96
68) m/p-Xylenes	10.36	106	504078	102.665	ug/l	95
69) o-Xylene	10.70	106	238608	50.389	ug/l	95
70) Styrene	10.71	104	404945	51.992	ug/l	97
71) Bromoform	10.86	173	122452	49.415	ug/l	99
73) Isopropylbenzene	11.02	105	656638	52.558	ug/l	100
74) N-amyl acetate	10.90	43	317170	52.635	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	224055	47.540	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	201568m	49.446	ug/l	
77) Bromobenzene	11.26	156	176916	49.525	ug/l	99
78) n-propylbenzene	11.36	91	766284	53.300	ug/l	100
79) 2-Chlorotoluene	11.42	91	449333	51.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	568597	53.146	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	69121	51.520	ug/l	96
82) 4-Chlorotoluene	11.51	91	537477	51.495	ug/l	100
83) tert-Butylbenzene	11.77	119	566895	52.325	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	584770	53.112	ug/l	98
85) sec-Butylbenzene	11.95	105	681357	53.142	ug/l	99
86) p-Isopropyltoluene	12.07	119	628737	54.255	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	335128	50.205	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	340361	49.842	ug/l	100
89) n-Butylbenzene	12.39	91	571190	54.286	ug/l	97
90) Hexachloroethane	12.60	117	98513	49.326	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	334374	49.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55084	47.915	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	265094	53.044	ug/l	99
94) Hexachlorobutadiene	13.79	225	136238	51.615	ug/l	97
95) Naphthalene	13.83	128	791154	54.586	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	265957	52.010	ug/l	99

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

