

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004382.D
 Acq On : 06 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0906WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:54 PM

Quant Time: Sep 07 05:28:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	360800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	487837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	295395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218893	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.50	113	191109	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.71	98	705832	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	267217	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61703	14.76	ug/l	98
3) Chloromethane	1.32	50	70134	15.39	ug/l	99
4) Vinyl Chloride	1.40	62	81815	17.31	ug/l	98
5) Bromomethane	1.63	94	41398	16.40	ug/l	98
6) Chloroethane	1.71	64	59618	17.11	ug/l	98
7) Trichlorofluoromethane	1.92	101	117388	18.12	ug/l	97
8) Diethyl Ether	2.18	74	54565	19.67	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75736	18.67	ug/l	99
10) Methyl Iodide	2.51	142	64831	17.22	ug/l	98
11) Tert butyl alcohol	3.07	59	107783	107.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69645	18.22	ug/l	98
13) Acrolein	2.29	56	18045	74.67	ug/l	93
14) Allyl chloride	2.72	41	137165	19.53	ug/l	96
15) Acrylonitrile	3.15	53	249945	100.68	ug/l	99
16) Acetone	2.45	43	220715	110.47	ug/l	99
17) Carbon Disulfide	2.56	76	166714	16.25	ug/l	99
18) Methyl Acetate	2.78	43	179560	25.73	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253408	20.12	ug/l	98
20) Methylene Chloride	2.85	84	84550	18.68	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	76113	17.99	ug/l	97
22) Diisopropyl ether	3.87	45	254572	19.42	ug/l	99
23) Vinyl Acetate	3.82	43	960229	90.36	ug/l	97
24) 1,1-Dichloroethane	3.69	63	148219	19.40	ug/l	100
25) 2-Butanone	4.71	43	329987	103.05	ug/l	98
26) 2,2-Dichloropropane	4.58	77	114962	19.18	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	88967	18.54	ug/l	100
28) Bromochloromethane	5.02	49	65551	19.38	ug/l	100
29) Tetrahydrofuran	5.16	42	204712	101.32	ug/l	100
30) Chloroform	5.21	83	146370	19.10	ug/l	97
31) Cyclohexane	5.57	56	117718	17.85	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121235	18.98	ug/l	99
36) 1,1-Dichloropropene	5.79	75	104717	17.94	ug/l	98
37) Ethyl Acetate	4.86	43	112739	19.64	ug/l	100
38) Carbon Tetrachloride	5.78	117	102047	18.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119820	17.98	ug/l	98
40) Benzene	6.14	78	333232	19.11	ug/l	99
41) Methacrylonitrile	5.06	41	67199	20.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112737	18.95	ug/l	99
43) Isopropyl Acetate	6.46	43	172983	19.61	ug/l	99
44) Trichloroethene	7.21	130	90113	18.66	ug/l	98
45) 1,2-Dichloropropane	7.52	63	85863	19.67	ug/l	98
46) Dibromomethane	7.66	93	54296	18.68	ug/l	98
47) Bromodichloromethane	7.90	83	104061	19.24	ug/l	99
48) Methyl methacrylate	7.78	41	91995	19.49	ug/l	98
49) 1,4-Dioxane	7.76	88	45342	423.10	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	620640	96.83	ug/l	100
52) Toluene	8.79	92	210887	19.32	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	113821	19.05	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	127671	19.62	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	87440	19.84	ug/l	98
56) Ethyl methacrylate	9.18	69	120681	20.11	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147072	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	315582	102.66	ug/l	100
59) 2-Hexanone	9.50	43	476617	97.47	ug/l	100
60) Dibromochloromethane	9.59	129	82804	19.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	88296	19.36	ug/l	99
64) Tetrachloroethene	9.34	164	97117	20.15	ug/l	98
65) Chlorobenzene	10.14	112	234442	19.15	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	83418	19.75	ug/l	98
67) Ethyl Benzene	10.26	91	380285	19.13	ug/l	99
68) m/p-Xylenes	10.36	106	309362	39.79	ug/l	100
69) o-Xylene	10.70	106	147863	20.11	ug/l	99
70) Styrene	10.71	104	243024	20.41	ug/l	99
71) Bromoform	10.86	173	62440	18.34	ug/l	98
73) Isopropylbenzene	11.02	105	403680	20.81	ug/l	100
74) N-amyl acetate	10.90	43	143291	19.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132184	19.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120771m	20.10	ug/l	
77) Bromobenzene	11.26	156	108547	19.95	ug/l	99
78) n-propylbenzene	11.36	91	458969	20.57	ug/l	100
79) 2-Chlorotoluene	11.42	91	272689	19.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329402	20.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35426	19.13	ug/l	99
82) 4-Chlorotoluene	11.51	91	317642	19.65	ug/l	100
83) tert-Butylbenzene	11.77	119	328981	20.35	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	347514	21.07	ug/l	100
85) sec-Butylbenzene	11.95	105	409647	21.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	358380	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	197679	19.29	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	195345	18.08	ug/l	97
89) n-Butylbenzene	12.39	91	280609	20.06	ug/l	97
90) Hexachloroethane	12.60	117	50693	21.09	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	190724	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24367	20.38	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139555	20.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	74507	23.43	ug/l	98
95) Naphthalene	13.83	128	423878	21.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	149023	20.66	ug/l	99

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

