

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002420.D
 Acq On : 09 Jun 2018 14:49
 Operator : JC/MD
 Sample : VX0609WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:53 PM

Quant Time: Jun 11 04:33:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188661	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
35) Dibromofluoromethane	5.51	113	143485	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	527929	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	206421	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49676	19.49	ug/l	95
3) Chloromethane	1.32	50	57827	17.96	ug/l	98
4) Vinyl Chloride	1.40	62	61781	19.24	ug/l	99
5) Bromomethane	1.64	94	36644	18.03	ug/l	99
6) Chloroethane	1.72	64	41539	19.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	111551	22.79	ug/l	97
8) Diethyl Ether	2.19	74	44586	24.41	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63941	24.21	ug/l	98
10) Methyl Iodide	2.51	142	55367	14.91	ug/l	99
11) Tert butyl alcohol	3.07	59	84633	106.43	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54901	21.04	ug/l	98
13) Acrolein	2.29	56	41283	113.26	ug/l	98
14) Allyl chloride	2.73	41	113894	20.11	ug/l	99
15) Acrylonitrile	3.15	53	186914	120.25	ug/l	99
16) Acetone	2.45	43	194379	118.86	ug/l	99
17) Carbon Disulfide	2.57	76	124137	18.05	ug/l	99
18) Methyl Acetate	2.78	43	91971	24.83	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	234524	24.59	ug/l	98
20) Methylene Chloride	2.86	84	67912	23.01	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	59740	20.76	ug/l	95
22) Diisopropyl ether	3.87	45	212778	21.64	ug/l	98
23) Vinyl Acetate	3.82	43	969594	105.60	ug/l	100
24) 1,1-Dichloroethane	3.70	63	122120	21.82	ug/l	100
25) 2-Butanone	4.71	43	248616	103.43	ug/l	98
26) 2,2-Dichloropropane	4.59	77	82565	18.87	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62695	20.03	ug/l	95
28) Bromochloromethane	5.02	49	67646	26.76	ug/l	100
29) Tetrahydrofuran	5.17	42	156070	100.70	ug/l	98
30) Chloroform	5.22	83	110326	20.42	ug/l	99
31) Cyclohexane	5.58	56	88735	20.05	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	91712	20.02	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75273	20.21	ug/l	100
37) Ethyl Acetate	4.86	43	96843	21.62	ug/l	99
38) Carbon Tetrachloride	5.78	117	79454	20.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93634	20.51	ug/l	97
40) Benzene	6.15	78	235424	20.62	ug/l	100
41) Methacrylonitrile	5.07	41	53722	20.95	ug/l	97
42) 1,2-Dichloroethane	6.20	62	98975	21.82	ug/l	100
43) Isopropyl Acetate	6.47	43	161366	21.21	ug/l	99
44) Trichloroethene	7.21	130	66243	20.90	ug/l	97
45) 1,2-Dichloropropane	7.52	63	64921	21.06	ug/l	99
46) Dibromomethane	7.67	93	45401	21.72	ug/l	99
47) Bromodichloromethane	7.90	83	79395	21.01	ug/l	96
48) Methyl methacrylate	7.78	41	81489	21.33	ug/l	96
49) 1,4-Dioxane	7.76	88	30953	433.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	520081	109.78	ug/l	100
52) Toluene	8.79	92	152889	21.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	94941	20.95	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	89243	20.87	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	67763	22.69	ug/l	96
56) Ethyl methacrylate	9.18	69	104188	21.85	ug/l	99
57) 1,3-Dichloropropane	9.37	76	111538	22.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	242870	110.03	ug/l	100
59) 2-Hexanone	9.50	43	396778	108.43	ug/l	99
60) Dibromochloromethane	9.59	129	65080	21.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70009	22.48	ug/l	99
64) Tetrachloroethene	9.34	164	71877	20.34	ug/l	94
65) Chlorobenzene	10.14	112	181191	21.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65746	21.30	ug/l	99
67) Ethyl Benzene	10.26	91	303505	21.27	ug/l	100
68) m/p-Xylenes	10.36	106	233761	42.15	ug/l	99
69) o-Xylene	10.70	106	116627	21.13	ug/l	99
70) Styrene	10.71	104	193969	21.50	ug/l	99
71) Bromoform	10.86	173	48552	19.80	ug/l #	100
73) Isopropylbenzene	11.02	105	314689	20.60	ug/l	100
74) N-amyl acetate	6.47	43	161366	19.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101104	21.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100227m	20.80	ug/l	
77) Bromobenzene	11.26	156	87220	20.34	ug/l	99
78) n-propylbenzene	11.37	91	360540	21.24	ug/l	100
79) 2-Chlorotoluene	11.43	91	214566	20.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	271064	20.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24542	17.86	ug/l	91
82) 4-Chlorotoluene	11.51	91	253451	20.49	ug/l	100
83) tert-Butylbenzene	11.77	119	266197	20.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	278903	20.68	ug/l	98
85) sec-Butylbenzene	11.95	105	325828	21.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	295704	21.71	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160851	20.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164535	20.82	ug/l	99
89) n-Butylbenzene	12.39	91	259111	22.68	ug/l	100
90) Hexachloroethane	12.60	117	40508	18.63	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	165783	20.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20765	19.77	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	121917	21.92	ug/l	100
94) Hexachlorobutadiene	13.79	225	64375	23.42	ug/l	99
95) Naphthalene	13.84	128	349853	21.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124630	21.97	ug/l	99

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

