

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004551.D
 Acq On : 14 Sep 2018 20:14
 Operator : JC/MD
 Sample : VX0914WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:09:26 PM

Quant Time: Sep 15 05:59:27 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	5.67	168	284674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	184855	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.50	113	163174	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	8.72	98	565869	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.14	95	191882	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52901	19.83	ug/l	92
3) Chloromethane	1.32	50	66114	18.01	ug/l	99
4) Vinyl Chloride	1.40	62	74418	19.75	ug/l	96
5) Bromomethane	1.64	94	28513	17.30	ug/l	100
6) Chloroethane	1.72	64	48290	19.82	ug/l	98
7) Trichlorofluoromethane	1.93	101	93425	18.70	ug/l	97
8) Diethyl Ether	2.19	74	44754	19.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59541	18.79	ug/l	96
10) Methyl Iodide	2.51	142	43057	14.65	ug/l	96
11) Tert butyl alcohol	3.07	59	85350	97.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58692	19.73	ug/l	95
13) Acrolein	2.29	56	42818	123.84	ug/l	96
14) Allyl chloride	2.73	41	115185	18.84	ug/l	95
15) Acrylonitrile	3.15	53	195749	92.81	ug/l	98
16) Acetone	2.44	43	155371	86.73	ug/l	96
17) Carbon Disulfide	2.57	76	161778	18.82	ug/l	98
18) Methyl Acetate	2.78	43	97839	19.47	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	206072	19.74	ug/l	97
20) Methylene Chloride	2.86	84	69876	19.01	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	62574	19.04	ug/l	95
22) Diisopropyl ether	3.87	45	216277	19.64	ug/l	99
23) Vinyl Acetate	3.82	43	866909	97.26	ug/l	100
24) 1,1-Dichloroethane	3.70	63	120663	19.40	ug/l	97
25) 2-Butanone	4.70	43	252084	88.41	ug/l	93
26) 2,2-Dichloropropane	4.58	77	77874	18.23	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	72134	19.66	ug/l	99
28) Bromochloromethane	5.02	49	57528	20.23	ug/l	99
29) Tetrahydrofuran	5.15	42	160031	93.07	ug/l	99
30) Chloroform	5.22	83	117692	19.39	ug/l	91
31) Cyclohexane	5.57	56	106963	20.15	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	98010	20.05	ug/l	98
36) 1,1-Dichloropropene	5.80	75	87683	18.86	ug/l	98
37) Ethyl Acetate	4.85	43	93118	17.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	84073	18.51	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89875	18.52	ug/l	98
40) Benzene	6.15	78	274058	19.86	ug/l	100
41) Methacrylonitrile	5.06	41	53463	18.35	ug/l	99
42) 1,2-Dichloroethane	6.20	62	87696	19.16	ug/l	99
43) Isopropyl Acetate	6.46	43	140706	20.03	ug/l	99
44) Trichloroethene	7.21	130	67379	18.80	ug/l	86
45) 1,2-Dichloropropane	7.52	63	62573	18.85	ug/l	95
46) Dibromomethane	7.66	93	38522	18.37	ug/l	99
47) Bromodichloromethane	7.90	83	70984	17.90	ug/l	100
48) Methyl methacrylate	7.77	41	63936	18.39	ug/l	96
49) 1,4-Dioxane	7.76	88	30950	376.16	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	417489	84.22	ug/l	98
52) Toluene	8.79	92	154055	18.95	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	88579	19.12	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86843	18.39	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	70997	20.28	ug/l	97
56) Ethyl methacrylate	9.18	69	99331	20.06	ug/l	98
57) 1,3-Dichloropropane	9.37	76	115742	20.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	215343	90.15	ug/l	97
59) 2-Hexanone	9.50	43	361879	95.17	ug/l	97
60) Dibromochloromethane	9.59	129	63639	19.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	66952	20.02	ug/l	100
64) Tetrachloroethene	9.34	164	85424	20.59	ug/l	91
65) Chlorobenzene	10.14	112	163301	19.78	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	56878	19.98	ug/l	98
67) Ethyl Benzene	10.25	91	268296	19.99	ug/l	96
68) m/p-Xylenes	10.36	106	212433	41.09	ug/l	97
69) o-Xylene	10.70	106	104142	20.95	ug/l	99
70) Styrene	10.71	104	171265	20.80	ug/l	99
71) Bromoform	10.86	173	44088	18.86	ug/l	99
73) Isopropylbenzene	11.02	105	275987	21.06	ug/l	100
74) N-amyl acetate	10.90	43	109970	19.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	82225	19.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79184m	19.78	ug/l	
77) Bromobenzene	11.26	156	73140	20.19	ug/l	99
78) n-propylbenzene	11.36	91	310152	20.59	ug/l	99
79) 2-Chlorotoluene	11.42	91	187418	20.51	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230439	20.92	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	22421	17.85	ug/l	98
82) 4-Chlorotoluene	11.51	91	214409	20.10	ug/l	100
83) tert-Butylbenzene	11.77	119	219831	20.96	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	238509	21.21	ug/l	99
85) sec-Butylbenzene	11.94	105	279068	20.88	ug/l	99
86) p-Isopropyltoluene	12.06	119	257800	21.85	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	134228	19.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134470	19.26	ug/l	99
89) n-Butylbenzene	12.39	91	199827	18.58	ug/l	98
90) Hexachloroethane	12.60	117	35512	18.80	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	135106	19.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17787	19.71	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	112105	23.15	ug/l	95
94) Hexachlorobutadiene	13.79	225	49865	19.71	ug/l	96
95) Naphthalene	13.83	128	302199	22.25	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99843	20.07	ug/l	99

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

