

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004702.D
 Acq On : 19 Sep 2018 13:39
 Operator : JC/MD
 Sample : VX0919WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:36 PM

Quant Time: Sep 19 17:10:33 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	254870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147261	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.50	113	140604	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
50) Toluene-d8	8.71	98	495053	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.14	95	180438	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47553	19.91	ug/l	98
3) Chloromethane	1.32	50	65960	20.06	ug/l	99
4) Vinyl Chloride	1.40	62	73222	21.70	ug/l	91
5) Bromomethane	1.64	94	37873	26.25	ug/l	92
6) Chloroethane	1.72	64	43276	19.83	ug/l	90
7) Trichlorofluoromethane	1.93	101	89559	20.02	ug/l	99
8) Diethyl Ether	2.18	74	43209	21.55	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57465	20.25	ug/l	95
10) Methyl Iodide	2.51	142	60216	20.50	ug/l	95
11) Tert butyl alcohol	3.07	59	75707	96.55	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58220	21.86	ug/l	95
13) Acrolein	2.29	56	22167	71.61	ug/l	99
14) Allyl chloride	2.73	41	109095	19.93	ug/l	96
15) Acrylonitrile	3.15	53	188054	99.59	ug/l	98
16) Acetone	2.45	43	143259	89.32	ug/l	98
17) Carbon Disulfide	2.57	76	142226	18.48	ug/l	99
18) Methyl Acetate	2.78	43	98663	21.92	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	209759	22.45	ug/l	93
20) Methylene Chloride	2.85	84	66076	20.08	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	62305	21.17	ug/l	97
22) Diisopropyl ether	3.87	45	217960	22.10	ug/l	93
23) Vinyl Acetate	3.82	43	840814	105.37	ug/l	99
24) 1,1-Dichloroethane	3.70	63	117803	21.16	ug/l	98
25) 2-Butanone	4.70	43	237675	93.11	ug/l	96
26) 2,2-Dichloropropane	4.58	77	84426	22.08	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	69943	21.29	ug/l	99
28) Bromochloromethane	5.03	49	52480	20.61	ug/l	100
29) Tetrahydrofuran	5.15	42	153465	99.69	ug/l	100
30) Chloroform	5.21	83	115916	21.33	ug/l	94
31) Cyclohexane	5.57	56	100201	21.08	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	93670	21.40	ug/l	98
36) 1,1-Dichloropropene	5.79	75	78537	18.57	ug/l	97
37) Ethyl Acetate	4.86	43	90289	18.77	ug/l	99
38) Carbon Tetrachloride	5.79	117	78211	18.93	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88835	20.13	ug/l	98
40) Benzene	6.14	78	253296	20.19	ug/l	97
41) Methacrylonitrile	5.06	41	53013	20.00	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82011	19.71	ug/l	98
43) Isopropyl Acetate	6.46	43	130141	20.37	ug/l	99
44) Trichloroethene	7.21	130	72187	22.14	ug/l	86
45) 1,2-Dichloropropane	7.52	63	64549	21.38	ug/l	100
46) Dibromomethane	7.66	93	39760	20.84	ug/l	98
47) Bromodichloromethane	7.90	83	72821	20.19	ug/l	99
48) Methyl methacrylate	7.78	41	64762	20.48	ug/l	97
49) 1,4-Dioxane	7.76	88	26946	360.09	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	415699	92.21	ug/l	100
52) Toluene	8.79	92	151126	20.44	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	82496	19.58	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	91622	21.33	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	62077	19.50	ug/l	98
56) Ethyl methacrylate	9.18	69	90409	20.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	101643	19.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	214909	98.22	ug/l	97
59) 2-Hexanone	9.49	43	312415	90.34	ug/l	99
60) Dibromochloromethane	9.59	129	59336	19.80	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63770	20.97	ug/l	100
64) Tetrachloroethene	9.34	164	84353	20.77	ug/l	96
65) Chlorobenzene	10.14	112	173871	21.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	59804	21.46	ug/l	100
67) Ethyl Benzene	10.26	91	283411	21.57	ug/l	99
68) m/p-Xylenes	10.36	106	222573	43.98	ug/l	98
69) o-Xylene	10.70	106	108436	22.29	ug/l	100
70) Styrene	10.71	104	180281	22.37	ug/l	100
71) Bromoform	10.86	173	46470	20.31	ug/l	99
73) Isopropylbenzene	11.02	105	297364	23.24	ug/l	99
74) N-amyl acetate	10.90	43	114085	21.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	81486	19.75	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82921m	21.22	ug/l	
77) Bromobenzene	11.26	156	79350	22.44	ug/l	99
78) n-propylbenzene	11.36	91	330125	22.44	ug/l	100
79) 2-Chlorotoluene	11.42	91	197272	22.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	244416	22.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25059	20.44	ug/l	97
82) 4-Chlorotoluene	11.51	91	228195	21.92	ug/l	99
83) tert-Butylbenzene	11.77	119	234850	22.94	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	251914	22.94	ug/l	99
85) sec-Butylbenzene	11.94	105	296185	22.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	266540	23.13	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	143345	21.73	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146535	21.50	ug/l	99
89) n-Butylbenzene	12.39	91	225242	21.45	ug/l	98
90) Hexachloroethane	12.60	117	38436	20.84	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	146479	21.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17880	20.29	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107735	22.79	ug/l	99
94) Hexachlorobutadiene	13.79	225	53345	21.60	ug/l	97
95) Naphthalene	13.83	128	312513	23.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109958	22.64	ug/l	99

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

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