

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004557.D
 Acq On : 15 Sep 2018 02:17
 Operator : JC/MD
 Sample : VX0914WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS03

Manual Integrations
 APPROVED

sam
 9/17/2018 6:17:39 PM

Quant Time: Sep 15 06:21:16 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	271473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	178170	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.51	113	150715	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	531534	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	179470	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50833	19.98	ug/l	93
3) Chloromethane	1.32	50	67397	19.25	ug/l	100
4) Vinyl Chloride	1.40	62	69797	19.42	ug/l	98
5) Bromomethane	1.64	94	32567	20.96	ug/l	90
6) Chloroethane	1.72	64	42850	18.44	ug/l	96
7) Trichlorofluoromethane	1.93	101	92117	19.34	ug/l	97
8) Diethyl Ether	2.19	74	41741	19.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57656	19.08	ug/l	97
10) Methyl Iodide	2.51	142	55725	18.37	ug/l	98
11) Tert butyl alcohol	3.06	59	79150	94.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57081	20.12	ug/l	97
13) Acrolein	2.29	56	39230	118.98	ug/l	98
14) Allyl chloride	2.72	41	107669	18.46	ug/l	96
15) Acrylonitrile	3.15	53	189836	94.38	ug/l	98
16) Acetone	2.44	43	148706	87.04	ug/l	94
17) Carbon Disulfide	2.57	76	156364	19.07	ug/l	100
18) Methyl Acetate	2.78	43	92424	19.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	196937	19.79	ug/l	99
20) Methylene Chloride	2.85	84	68251	19.47	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	59359	18.94	ug/l	99
22) Diisopropyl ether	3.87	45	212178	20.20	ug/l	98
23) Vinyl Acetate	3.82	43	829812	97.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	116622	19.67	ug/l	100
25) 2-Butanone	4.70	43	231383	85.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	63263	15.53	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	69208	19.78	ug/l	98
28) Bromochloromethane	5.02	49	57059	21.04	ug/l	98
29) Tetrahydrofuran	5.15	42	155977	95.12	ug/l	98
30) Chloroform	5.21	83	118019	20.39	ug/l	96
31) Cyclohexane	5.57	56	98718	19.50	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	93760	20.11	ug/l	99
36) 1,1-Dichloropropene	5.80	75	81647	20.17	ug/l	97
37) Ethyl Acetate	4.85	43	89441	19.43	ug/l	99
38) Carbon Tetrachloride	5.78	117	82748	20.93	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84460	20.00	ug/l	96
40) Benzene	6.14	78	259280	21.59	ug/l	95
41) Methacrylonitrile	5.06	41	50768	20.02	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88303	22.17	ug/l	99
43) Isopropyl Acetate	6.46	43	129895	21.24	ug/l	99
44) Trichloroethene	7.21	130	64417	20.65	ug/l	94
45) 1,2-Dichloropropane	7.51	63	60980	21.10	ug/l	93
46) Dibromomethane	7.66	93	36630	20.06	ug/l	99
47) Bromodichloromethane	7.90	83	67854	19.65	ug/l	97
48) Methyl methacrylate	7.78	41	58933	19.48	ug/l	98
49) 1,4-Dioxane	7.75	88	28729	401.13	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	402097	93.19	ug/l	99
52) Toluene	8.79	92	152283	21.52	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	87100	21.60	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	79815	19.41	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	66566	21.85	ug/l	96
56) Ethyl methacrylate	9.18	69	94992	22.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	109478	22.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	205787	98.26	ug/l	96
59) 2-Hexanone	9.50	43	342914	103.61	ug/l	95
60) Dibromochloromethane	9.59	129	59108	20.61	ug/l	98
61) 1,2-Dibromoethane	9.67	107	65119	22.37	ug/l	94
64) Tetrachloroethene	9.34	164	82086	21.10	ug/l	93
65) Chlorobenzene	10.14	112	159141	20.56	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	55114	20.65	ug/l	98
67) Ethyl Benzene	10.26	91	254341	20.21	ug/l	99
68) m/p-Xylenes	10.36	106	202361	41.74	ug/l	98
69) o-Xylene	10.70	106	97286	20.87	ug/l	99
70) Styrene	10.71	104	160415	20.77	ug/l	98
71) Bromoform	10.86	173	43962	20.06	ug/l #	99
73) Isopropylbenzene	11.02	105	263118	21.84	ug/l	100
74) N-amyl acetate	10.90	43	103737	20.46	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	78334	20.16	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74988m	20.38	ug/l	
77) Bromobenzene	11.26	156	70491	21.17	ug/l	98
78) n-propylbenzene	11.36	91	296800	21.43	ug/l	99
79) 2-Chlorotoluene	11.42	91	179789	21.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	217821	21.51	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20329	17.61	ug/l	98
82) 4-Chlorotoluene	11.51	91	206852	21.10	ug/l	100
83) tert-Butylbenzene	11.77	119	207966	21.57	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	227696	22.02	ug/l	98
85) sec-Butylbenzene	11.94	105	262437	21.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	233146	21.49	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128657	20.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129212	20.13	ug/l	99
89) n-Butylbenzene	12.39	91	189283	19.15	ug/l	97
90) Hexachloroethane	12.60	117	34683	19.97	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	129126	20.54	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16722	20.16	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	97292	21.85	ug/l	98
94) Hexachlorobutadiene	13.79	225	46812	20.13	ug/l	96
95) Naphthalene	13.83	128	268607	21.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97259	21.26	ug/l	97

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

