

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003122.D
 Acq On : 02 Jul 2018 12:56
 Operator : JC/MD
 Sample : VX0702WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Manual Integrations
 APPROVED

sam
 7/3/2018 3:53:45 PM

Quant Time: Jul 03 07:09:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	388102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227960	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	176782	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	
35) Dibromofluoromethane	5.50	113	147493	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.72	98	530269	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.14	95	201511	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58357	22.25	ug/l	99
3) Chloromethane	1.32	50	59862	21.47	ug/l	99
4) Vinyl Chloride	1.40	62	67270	20.40	ug/l	92
5) Bromomethane	1.64	94	26520	15.35	ug/l	99
6) Chloroethane	1.72	64	43214	21.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	107304	19.29	ug/l	100
8) Diethyl Ether	2.19	74	39480	19.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64777	20.10	ug/l	98
10) Methyl Iodide	2.51	142	47435	18.93	ug/l	97
11) Tert butyl alcohol	3.07	59	75422	93.96	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57572	20.02	ug/l	92
13) Acrolein	2.29	56	27247	64.42	ug/l	99
14) Allyl chloride	2.73	41	110821	19.55	ug/l	97
15) Acrylonitrile	3.15	53	164810	96.12	ug/l	99
16) Acetone	2.45	43	173463	103.95	ug/l	96
17) Carbon Disulfide	2.57	76	160558	20.96	ug/l	98
18) Methyl Acetate	2.78	43	77580	16.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	197872	19.14	ug/l	98
20) Methylene Chloride	2.86	84	66645	20.52	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	61969	19.79	ug/l	95
22) Diisopropyl ether	3.87	45	210345	19.42	ug/l	97
23) Vinyl Acetate	3.82	43	926545	101.00	ug/l	99
24) 1,1-Dichloroethane	3.70	63	114553	19.45	ug/l	99
25) 2-Butanone	4.71	43	248485	100.33	ug/l	99
26) 2,2-Dichloropropane	4.58	77	94062	19.65	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69795	19.88	ug/l	98
28) Bromochloromethane	5.02	49	50503	17.92	ug/l	91
29) Tetrahydrofuran	5.17	42	153777	96.83	ug/l	97
30) Chloroform	5.22	83	119577	19.79	ug/l	100
31) Cyclohexane	5.57	56	103435	20.47	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	105234	19.79	ug/l	99
36) 1,1-Dichloropropene	5.80	75	87543	20.57	ug/l	99
37) Ethyl Acetate	4.87	43	94040	20.52	ug/l	97
38) Carbon Tetrachloride	5.78	117	95311	20.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104685	21.12	ug/l	96
40) Benzene	6.14	78	257987	20.86	ug/l	99
41) Methacrylonitrile	5.06	41	52604	19.93	ug/l	95
42) 1,2-Dichloroethane	6.20	62	98351	19.69	ug/l	98
43) Isopropyl Acetate	6.47	43	149315	19.43	ug/l	98
44) Trichloroethene	7.21	130	76403	20.72	ug/l	99
45) 1,2-Dichloropropane	7.52	63	66770	20.35	ug/l	100
46) Dibromomethane	7.67	93	45478	19.98	ug/l	95
47) Bromodichloromethane	7.90	83	85215	20.25	ug/l	97
48) Methyl methacrylate	7.78	41	75632	19.10	ug/l	93
49) 1,4-Dioxane	7.76	88	30871	400.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	475649	98.92	ug/l	98
52) Toluene	8.79	92	165522	20.89	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	98812	20.73	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	92145	20.09	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	67344	20.69	ug/l	96
56) Ethyl methacrylate	9.18	69	96118	20.20	ug/l	94
57) 1,3-Dichloropropane	9.38	76	108490	20.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221491	96.50	ug/l	97
59) 2-Hexanone	9.50	43	365076	99.90	ug/l	97
60) Dibromochloromethane	9.59	129	69863	20.39	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70677	20.70	ug/l	99
64) Tetrachloroethene	9.34	164	86894	21.53	ug/l	97
65) Chlorobenzene	10.14	112	192251	20.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	69399	20.72	ug/l	99
67) Ethyl Benzene	10.26	91	321641	21.12	ug/l	100
68) m/p-Xylenes	10.36	106	251176	42.79	ug/l	98
69) o-Xylene	10.70	106	120733	21.12	ug/l	98
70) Styrene	10.71	104	198283	21.35	ug/l	98
71) Bromoform	10.86	173	53696	20.26	ug/l #	100
73) Isopropylbenzene	11.02	105	328604	21.43	ug/l	99
74) N-amyl acetate	6.47	43	149315	19.90	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	97869	20.72	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84237m	20.40	ug/l	
77) Bromobenzene	11.26	156	91716	21.00	ug/l	96
78) n-propylbenzene	11.37	91	372698	21.35	ug/l	98
79) 2-Chlorotoluene	11.43	91	221776	20.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276934	21.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23887	19.02	ug/l	96
82) 4-Chlorotoluene	11.51	91	262748	21.00	ug/l	99
83) tert-Butylbenzene	11.77	119	267772	21.04	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	285943	21.37	ug/l	99
85) sec-Butylbenzene	11.95	105	323559	20.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	296566	21.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167449	20.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	170691	20.79	ug/l	99
89) n-Butylbenzene	12.39	91	245256	20.30	ug/l	99
90) Hexachloroethane	12.60	117	39787	19.27	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	167693	20.83	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20062	18.89	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121080	20.67	ug/l	98
94) Hexachlorobutadiene	13.79	225	60781	20.80	ug/l	98
95) Naphthalene	13.84	128	327251	20.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122160	20.87	ug/l	99

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

