

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003285.D
 Acq On : 10 Jul 2018 15:41
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:26 PM

Quant Time: Jul 10 17:02:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194148	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	162464	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.72	98	594106	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	218176	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77751	21.28	ug/l	99
3) Chloromethane	1.32	50	66585	20.04	ug/l	99
4) Vinyl Chloride	1.40	62	67933	19.92	ug/l	98
5) Bromomethane	1.64	94	23172	22.96	ug/l	97
6) Chloroethane	1.72	64	38553	20.41	ug/l	99
7) Trichlorofluoromethane	1.93	101	103142	20.35	ug/l	99
8) Diethyl Ether	2.19	74	36654	20.00	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58123	19.58	ug/l	95
10) Methyl Iodide	2.51	142	55560	20.69	ug/l	98
11) Tert butyl alcohol	3.08	59	75339	109.86	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53260	19.72	ug/l	92
13) Acrolein	2.30	56	48881	88.45	ug/l	98
14) Allyl chloride	2.73	41	100948	20.18	ug/l	95
15) Acrylonitrile	3.15	53	162593	106.18	ug/l	99
16) Acetone	2.45	43	140965	104.97	ug/l	96
17) Carbon Disulfide	2.57	76	140208	18.68	ug/l	99
18) Methyl Acetate	2.78	43	87356	23.06	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	183157	20.30	ug/l	99
20) Methylene Chloride	2.86	84	60295	21.51	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	57437	19.95	ug/l	92
22) Diisopropyl ether	3.88	45	187401	18.41	ug/l	98
23) Vinyl Acetate	3.83	43	814918	94.30	ug/l	98
24) 1,1-Dichloroethane	3.70	63	105083	19.84	ug/l	98
25) 2-Butanone	4.72	43	252985	106.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	86364	18.64	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	69721	19.70	ug/l	93
28) Bromochloromethane	5.03	49	57149	21.41	ug/l	92
29) Tetrahydrofuran	5.17	42	159861	103.65	ug/l	95
30) Chloroform	5.22	83	117395	20.15	ug/l	98
31) Cyclohexane	5.58	56	99011	19.96	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	102318	19.90	ug/l	98
36) 1,1-Dichloropropene	5.80	75	85396	19.60	ug/l	99
37) Ethyl Acetate	4.87	43	96254	20.15	ug/l	97
38) Carbon Tetrachloride	5.79	117	91089	19.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96965	18.89	ug/l	98
40) Benzene	6.15	78	257825	19.97	ug/l	99
41) Methacrylonitrile	5.07	41	52325	20.01	ug/l	95
42) 1,2-Dichloroethane	6.20	62	95125	19.72	ug/l	98
43) Isopropyl Acetate	6.48	43	147147	19.62	ug/l	96
44) Trichloroethene	7.22	130	76028	19.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66722	19.87	ug/l	98
46) Dibromomethane	7.67	93	45186	19.75	ug/l	93
47) Bromodichloromethane	7.90	83	81355	19.27	ug/l	97
48) Methyl methacrylate	7.78	41	76904	19.99	ug/l	93
49) 1,4-Dioxane	7.76	88	32344	402.08	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	491774	105.31	ug/l	98
52) Toluene	8.79	92	164162	20.11	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95461	19.21	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	86065	19.03	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	67623	19.97	ug/l	98
56) Ethyl methacrylate	9.19	69	92106	19.86	ug/l	92
57) 1,3-Dichloropropane	9.38	76	108564	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240559	107.52	ug/l	97
59) 2-Hexanone	9.50	43	376845	106.24	ug/l	96
60) Dibromochloromethane	9.59	129	65664	18.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70420	19.84	ug/l	99
64) Tetrachloroethene	9.34	164	86638	20.25	ug/l	98
65) Chlorobenzene	10.14	112	186218	19.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	68401	19.71	ug/l	99
67) Ethyl Benzene	10.26	91	306051	19.68	ug/l	99
68) m/p-Xylenes	10.37	106	244341	40.38	ug/l	96
69) o-Xylene	10.70	106	115629	19.73	ug/l	98
70) Styrene	10.71	104	190013	19.99	ug/l	98
71) Bromoform	10.86	173	50977	17.86	ug/l	100
73) Isopropylbenzene	11.02	105	318824	20.36	ug/l	100
74) N-amyl acetate	6.48	43	147147	19.70	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	98311	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84725m	19.77	ug/l	
77) Bromobenzene	11.26	156	90069	19.92	ug/l	95
78) n-propylbenzene	11.37	91	354560	20.37	ug/l	98
79) 2-Chlorotoluene	11.43	91	212742	20.06	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	268263	20.58	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23728	18.10	ug/l	98
82) 4-Chlorotoluene	11.51	91	248863	20.10	ug/l	98
83) tert-Butylbenzene	11.77	119	257476	19.77	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	274321	20.55	ug/l	98
85) sec-Butylbenzene	11.95	105	309604	20.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	283148	20.19	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160597	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	163682	19.50	ug/l	99
89) n-Butylbenzene	12.39	91	230079	19.64	ug/l	99
90) Hexachloroethane	12.60	117	38231	17.86	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	163403	19.62	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21200	20.35	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121571	20.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	60928	20.20	ug/l	98
95) Naphthalene	13.84	128	335512	21.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125431	20.75	ug/l	100

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

