

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071118\
 Data File : VX003324.D
 Acq On : 11 Jul 2018 17:16
 Operator : JC/MD
 Sample : VX0711WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 10:59:28 AM

Quant Time: Jul 12 01:16:10 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	232501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	206382	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
35) Dibromofluoromethane	5.51	113	170407	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.72	98	652934	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	236229	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87240	24.681	ug/l	98
3) Chloromethane	1.32	50	85462	26.593	ug/l	100
4) Vinyl Chloride	1.40	62	98237	29.782	ug/l	99
5) Bromomethane	1.64	94	39606	41.348	ug/l	98
6) Chloroethane	1.72	64	58652	32.093	ug/l	99
7) Trichlorofluoromethane	1.93	101	131597	26.839	ug/l	98
8) Diethyl Ether	2.19	74	52966	29.883	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79838	27.809	ug/l	97
10) Methyl Iodide	2.51	142	70482	25.373	ug/l	97
11) Tert butyl alcohol	3.08	59	101224	152.591	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73153	27.997	ug/l	95
13) Acrolein	2.29	56	68384	127.926	ug/l	99
14) Allyl chloride	2.73	41	142290	29.402	ug/l	89
15) Acrylonitrile	3.15	53	234167	158.085	ug/l	98
16) Acetone	2.45	43	180835	139.205	ug/l	91
17) Carbon Disulfide	2.57	76	199391	27.462	ug/l	98
18) Methyl Acetate	2.78	43	127569	34.810	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	249671	28.609	ug/l	99
20) Methylene Chloride	2.86	84	86490	32.239	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	78013	28.011	ug/l	93
22) Diisopropyl ether	3.88	45	253366	25.734	ug/l	96
23) Vinyl Acetate	3.82	43	1120048	133.992	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149139	29.103	ug/l	98
25) 2-Butanone	4.71	43	272251	118.439	ug/l	94
26) 2,2-Dichloropropane	4.58	77	100028	22.317	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	78671	22.984	ug/l	86
28) Bromochloromethane	5.02	49	60122	23.286	ug/l	93
29) Tetrahydrofuran	5.17	42	178896	119.908	ug/l	94
30) Chloroform	5.22	83	133008	23.596	ug/l	99
31) Cyclohexane	5.57	56	113760	23.707	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	109924	22.105	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98830	20.802	ug/l	98
37) Ethyl Acetate	4.87	43	104999	20.159	ug/l	97
38) Carbon Tetrachloride	5.79	117	97002	18.664	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115058	20.557	ug/l	97
40) Benzene	6.15	78	297836	21.154	ug/l	99
41) Methacrylonitrile	5.07	41	58913	20.661	ug/l	93
42) 1,2-Dichloroethane	6.20	62	106049	20.160	ug/l	98
43) Isopropyl Acetate	6.48	43	167287	20.454	ug/l	96
44) Trichloroethene	7.21	130	82571	19.832	ug/l	97
45) 1,2-Dichloropropane	7.52	63	76896	21.007	ug/l	98
46) Dibromomethane	7.67	93	51191	20.517	ug/l	98
47) Bromodichloromethane	7.90	83	93355	20.279	ug/l	98
48) Methyl methacrylate	7.78	41	85283	20.331	ug/l	89
49) 1,4-Dioxane	7.76	88	36939	421.160	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	562617	110.493	ug/l	95
52) Toluene	8.79	92	187853	21.106	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	110252	20.353	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	99647	20.212	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	76121	20.616	ug/l	98
56) Ethyl methacrylate	9.18	69	110361	21.823	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	127597	21.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	280025	114.788	ug/l	100
59) 2-Hexanone	9.50	43	427524	110.543	ug/l	92
60) Dibromochloromethane	9.59	129	73920	19.174	ug/l	99
61) 1,2-Dibromoethane	9.68	107	78583	20.308	ug/l	99
64) Tetrachloroethene	9.34	164	90580	20.009	ug/l	96
65) Chlorobenzene	10.14	112	210274	20.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73710	20.078	ug/l	99
67) Ethyl Benzene	10.26	91	353030	21.454	ug/l	99
68) m/p-Xylenes	10.36	106	275165	42.985	ug/l	98
69) o-Xylene	10.70	106	130879	21.104	ug/l	99
70) Styrene	10.71	104	217531	21.632	ug/l	98
71) Bromoform	10.86	173	55058	18.227	ug/l #	99
73) Isopropylbenzene	11.02	105	359311	22.972	ug/l	100
74) N-amyl acetate	6.48	43	167287	22.420	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	113709	23.438	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	113759m	26.571	ug/l	
77) Bromobenzene	11.26	156	95571	21.163	ug/l	98
78) n-propylbenzene	11.37	91	408837	23.509	ug/l	100
79) 2-Chlorotoluene	11.43	91	243721	23.004	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	298238	22.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	28612	21.842	ug/l	98
82) 4-Chlorotoluene	11.51	91	283440	22.913	ug/l	100
83) tert-Butylbenzene	11.77	119	287797	22.122	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	305934	22.939	ug/l	99
85) sec-Butylbenzene	11.95	105	356626	23.192	ug/l	99
86) p-Isopropyltoluene	12.07	119	316273	22.575	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	174482	21.063	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	175970	20.982	ug/l	99
89) n-Butylbenzene	12.39	91	271465	23.192	ug/l	99
90) Hexachloroethane	12.60	117	44362	20.740	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	177785	21.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23692	22.762	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121479	20.066	ug/l	100
94) Hexachlorobutadiene	13.79	225	58026	19.253	ug/l	99
95) Naphthalene	13.84	128	369339	23.318	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125745	20.826	ug/l	100

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

