

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009065.D
 Acq On : 19 Apr 2019 13:10
 Operator : JC/SP
 Sample : VX0419WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:00 AM

Quant Time: Apr 20 01:14:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	160768	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	5.50	113	117182	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	8.71	98	462429	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	158022	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	51300	20.868	ug/l 98
3) Chloromethane	1.32	50	57651	19.102	ug/l 96
4) Vinyl Chloride	1.41	62	58375	19.873	ug/l 97
5) Bromomethane	1.64	94	30083	18.944	ug/l 95
6) Chloroethane	1.72	64	39761	23.019	ug/l 98
7) Trichlorofluoromethane	1.93	101	69365	20.225	ug/l 99
8) Diethyl Ether	2.19	74	32039	20.427	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44187	20.151	ug/l 99
10) Methyl Iodide	2.51	142	32293	16.695	ug/l 99
11) Tert butyl alcohol	3.06	59	75787	113.512	ug/l 100
12) 1,1-Dichloroethene	2.37	96	44436	19.415	ug/l 97
13) Acrolein	2.29	56	42378	73.460	ug/l 100
14) Allyl chloride	2.73	41	106315	21.291	ug/l 99
15) Acrylonitrile	3.15	53	188142	111.009	ug/l 100
16) Acetone	2.45	43	169420	108.617	ug/l 99
17) Carbon Disulfide	2.57	76	122928	19.072	ug/l 100
18) Methyl Acetate	2.78	43	88780	22.806	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	172558	21.159	ug/l 98
20) Methylene Chloride	2.85	84	53546	20.074	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	47213	19.340	ug/l 94
22) Diisopropyl ether	3.86	45	212802	21.931	ug/l 91
23) Vinyl Acetate	3.82	43	938843	110.071	ug/l 99
24) 1,1-Dichloroethane	3.70	63	102680	21.081	ug/l 99
25) 2-Butanone	4.68	43	282764	113.413	ug/l 98
26) 2,2-Dichloropropane	4.59	77	69664	19.080	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	56174	20.267	ug/l 98
28) Bromochloromethane	5.02	49	51778	24.613	ug/l 98
29) Tetrahydrofuran	5.13	42	186921	112.012	ug/l 99
30) Chloroform	5.21	83	92367	21.192	ug/l 97
31) Cyclohexane	5.58	56	98401	20.540	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	75146	20.802	ug/l 99
36) 1,1-Dichloropropene	5.80	75	69253	18.884	ug/l 99
37) Ethyl Acetate	4.84	43	106138	22.492	ug/l 99
38) Carbon Tetrachloride	5.79	117	61532	19.792	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86251	19.317	ug/l	98
40) Benzene	6.15	78	219849	20.321	ug/l	100
41) Methacrylonitrile	5.04	41	59641	22.022	ug/l	99
42) 1,2-Dichloroethane	6.19	62	79272	20.685	ug/l	98
43) Isopropyl Acetate	6.45	43	162842	21.414	ug/l	99
44) Trichloroethene	7.21	130	50793	19.162	ug/l	100
45) 1,2-Dichloropropane	7.51	63	62205	20.726	ug/l	97
46) Dibromomethane	7.66	93	35110	20.101	ug/l	98
47) Bromodichloromethane	7.90	83	68811	20.085	ug/l	98
48) Methyl methacrylate	7.77	41	79768	21.229	ug/l	99
49) 1,4-Dioxane	7.74	88	28800	409.511	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	537092	110.863	ug/l	99
52) Toluene	8.79	92	129960	20.044	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77536	19.665	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	87082	19.725	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52850	20.567	ug/l	98
56) Ethyl methacrylate	9.18	69	94908	20.598	ug/l	98
57) 1,3-Dichloropropane	9.37	76	94876	20.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	264347	106.538	ug/l	98
59) 2-Hexanone	9.49	43	410111	109.799	ug/l	98
60) Dibromochloromethane	9.58	129	49956	20.284	ug/l	100
61) 1,2-Dibromoethane	9.67	107	54519	20.556	ug/l	100
64) Tetrachloroethene	9.34	164	45537	19.463	ug/l	98
65) Chlorobenzene	10.14	112	128621	19.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47326	20.666	ug/l	99
67) Ethyl Benzene	10.25	91	238112	20.038	ug/l	99
68) m/p-Xylenes	10.36	106	169433	39.233	ug/l	98
69) o-Xylene	10.69	106	83427	19.854	ug/l	98
70) Styrene	10.71	104	144073	19.785	ug/l	100
71) Bromoform	10.85	173	36242	19.865	ug/l #	98
73) Isopropylbenzene	11.02	105	225545	21.148	ug/l	100
74) N-amyl acetate	10.90	43	135552	22.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85160	21.854	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	74223m	21.604	ug/l	
77) Bromobenzene	11.26	156	53643	19.935	ug/l	99
78) n-propylbenzene	11.36	91	254908	20.824	ug/l	99
79) 2-Chlorotoluene	11.42	91	152337	20.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186842	20.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26170	19.555	ug/l	92
82) 4-Chlorotoluene	11.51	91	172311	20.114	ug/l	100
83) tert-Butylbenzene	11.77	119	177482	20.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	190549	20.916	ug/l	99
85) sec-Butylbenzene	11.94	105	210670	20.557	ug/l	100
86) p-Isopropyltoluene	12.06	119	192942	20.478	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	92830	19.711	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	92815	19.441	ug/l	99
89) n-Butylbenzene	12.38	91	175896	20.046	ug/l	99
90) Hexachloroethane	12.60	117	31965	20.567	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	92893	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18829	21.222	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	63186	18.821	ug/l	99
94) Hexachlorobutadiene	13.78	225	32872	19.632	ug/l	99
95) Naphthalene	13.83	128	220360	20.488	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65158	19.671	ug/l	100

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

