

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010926.D
 Acq On : 17 Jul 2019 11:26
 Operator : JC/SP
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 10:58:07 AM

Quant Time: Jul 18 03:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124247	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	113319	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.71	98	423467	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	152774	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	48299	19.886	ug/l	98
3) Chloromethane	1.33	50	42617	20.005	ug/l	98
4) Vinyl Chloride	1.41	62	43734	20.127	ug/l	99
5) Bromomethane	1.64	94	27598	22.539	ug/l	99
6) Chloroethane	1.73	64	27901	20.206	ug/l	98
7) Trichlorofluoromethane	1.93	101	73558	19.999	ug/l	99
8) Diethyl Ether	2.19	74	24300	19.175	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40611	19.337	ug/l	98
10) Methyl Iodide	2.51	142	47393	17.197	ug/l	99
11) Tert butyl alcohol	3.04	59	49758	86.695	ug/l	99
12) 1,1-Dichloroethene	2.38	96	41279	20.005	ug/l	95
13) Acrolein	2.29	56	28252	85.198	ug/l	97
14) Allyl chloride	2.73	41	57900	19.318	ug/l	98
15) Acrylonitrile	3.14	53	113271	97.667	ug/l	99
16) Acetone	2.45	43	104973	94.310	ug/l	98
17) Carbon Disulfide	2.57	76	101454	19.168	ug/l	99
18) Methyl Acetate	2.78	43	47260	18.647	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	128597	19.360	ug/l	99
20) Methylene Chloride	2.86	84	45350	19.226	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	42434	19.382	ug/l	96
22) Diisopropyl ether	3.85	45	121302	19.190	ug/l	97
23) Vinyl Acetate	3.82	43	529602	98.882	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70129	19.103	ug/l	100
25) 2-Butanone	4.67	43	157256	98.421	ug/l	99
26) 2,2-Dichloropropane	4.59	77	56229	18.654	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48410	19.106	ug/l	99
28) Bromochloromethane	5.02	49	30971	17.903	ug/l	98
29) Tetrahydrofuran	5.13	42	97740	96.572	ug/l	98
30) Chloroform	5.21	83	75022	18.907	ug/l	96
31) Cyclohexane	5.58	56	65643	19.618	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	65026	18.942	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54392	19.112	ug/l	99
37) Ethyl Acetate	4.84	43	57216	19.634	ug/l	98
38) Carbon Tetrachloride	5.79	117	56725	19.128	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70069	18.986	ug/l	98
40) Benzene	6.14	78	169225	19.412	ug/l	99
41) Methacrylonitrile	5.04	41	31509	19.047	ug/l	97
42) 1,2-Dichloroethane	6.19	62	57664	19.024	ug/l	99
43) Isopropyl Acetate	6.45	43	91351	19.064	ug/l	99
44) Trichloroethene	7.21	130	49524	19.192	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42326	19.076	ug/l	96
46) Dibromomethane	7.66	93	30427	19.191	ug/l	99
47) Bromodichloromethane	7.90	83	54242	19.219	ug/l	98
48) Methyl methacrylate	7.77	41	44478	19.054	ug/l	99
49) 1,4-Dioxane	7.74	88	24889	381.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	305232	98.267	ug/l	100
52) Toluene	8.79	92	111815	19.525	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57617	18.986	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	64402	19.072	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	45523	19.306	ug/l	94
56) Ethyl methacrylate	9.18	69	66661	19.327	ug/l	100
57) 1,3-Dichloropropane	9.37	76	71995	19.247	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	168722	102.472	ug/l	98
59) 2-Hexanone	9.49	43	238893	99.159	ug/l	99
60) Dibromochloromethane	9.58	129	45317	18.382	ug/l	99
61) 1,2-Dibromoethane	9.67	107	47959	19.165	ug/l	99
64) Tetrachloroethene	9.34	164	48944	19.577	ug/l	94
65) Chlorobenzene	10.14	112	122288	18.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43476	18.951	ug/l	98
67) Ethyl Benzene	10.25	91	208774	18.790	ug/l	98
68) m/p-Xylenes	10.36	106	162220	38.062	ug/l	99
69) o-Xylene	10.69	106	79436	19.098	ug/l	100
70) Styrene	10.71	104	131541	18.971	ug/l	99
71) Bromoform	10.85	173	32756	17.431	ug/l #	99
73) Isopropylbenzene	11.02	105	211200	19.247	ug/l	100
74) N-amyl acetate	10.90	43	79251	18.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69184	19.266	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58388m	19.924	ug/l	
77) Bromobenzene	11.26	156	57146	18.880	ug/l	99
78) n-propylbenzene	11.36	91	235028	19.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	139896	19.208	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	175198	19.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18293	18.536	ug/l	94
82) 4-Chlorotoluene	11.51	91	160974	18.989	ug/l	100
83) tert-Butylbenzene	11.77	119	172329	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180676	19.550	ug/l	99
85) sec-Butylbenzene	11.94	105	206735	19.590	ug/l	100
86) p-Isopropyltoluene	12.06	119	189864	19.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97572	18.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100027	18.568	ug/l	98
89) n-Butylbenzene	12.38	91	158605	19.002	ug/l	100
90) Hexachloroethane	12.60	117	28217	18.337	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	100527	19.311	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14657	19.526	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	66507	18.851	ug/l	99
94) Hexachlorobutadiene	13.78	225	32640	18.669	ug/l	99
95) Naphthalene	13.83	128	207848	19.951	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68051	19.386	ug/l	99

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

