

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011022.D
 Acq On : 22 Jul 2019 11:56
 Operator : JC/SP
 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2019 11:09:17 AM

Quant Time: Jul 23 05:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118827	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	5.50	113	107382	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.71	98	400925	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	150244	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46074	18.520	ug/l	100
3) Chloromethane	1.32	50	39537	18.082	ug/l	100
4) Vinyl Chloride	1.41	62	41353	18.541	ug/l	99
5) Bromomethane	1.64	94	24481	19.478	ug/l	97
6) Chloroethane	1.72	64	26044	18.375	ug/l	99
7) Trichlorofluoromethane	1.93	101	71232	18.868	ug/l	99
8) Diethyl Ether	2.19	74	23858	18.341	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40974	19.008	ug/l	100
10) Methyl Iodide	2.51	142	42070	14.872	ug/l	99
11) Tert butyl alcohol	3.04	59	52545	89.193	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39248	18.531	ug/l	99
13) Acrolein	2.29	56	24622	72.339	ug/l	100
14) Allyl chloride	2.73	41	56710	18.434	ug/l	100
15) Acrylonitrile	3.14	53	110124	92.508	ug/l	99
16) Acetone	2.44	43	101283	88.652	ug/l	96
17) Carbon Disulfide	2.57	76	91428	16.829	ug/l	99
18) Methyl Acetate	2.78	43	48389	18.601	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	128804	18.892	ug/l	99
20) Methylene Chloride	2.85	84	43472	17.955	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	41676	18.545	ug/l	92
22) Diisopropyl ether	3.85	45	120435	18.562	ug/l	97
23) Vinyl Acetate	3.81	43	518194	94.260	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69937	18.560	ug/l	99
25) 2-Butanone	4.67	43	152083	92.732	ug/l	99
26) 2,2-Dichloropropane	4.58	77	56717	18.332	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	48628	18.697	ug/l	97
28) Bromochloromethane	5.01	49	32852	18.501	ug/l	97
29) Tetrahydrofuran	5.13	42	93298	89.809	ug/l	99
30) Chloroform	5.21	83	74146	18.205	ug/l	97
31) Cyclohexane	5.58	56	60677	17.666	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	67262	19.088	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53335	18.682	ug/l	99
37) Ethyl Acetate	4.83	43	55577	19.011	ug/l	96
38) Carbon Tetrachloride	5.78	117	57363	19.282	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69502	18.773	ug/l	99
40) Benzene	6.14	78	164195	18.775	ug/l	100
41) Methacrylonitrile	5.04	41	30431	18.337	ug/l	97
42) 1,2-Dichloroethane	6.19	62	58689	19.301	ug/l	100
43) Isopropyl Acetate	6.45	43	91548	19.045	ug/l	99
44) Trichloroethene	7.21	130	48651	18.794	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42178	18.949	ug/l	98
46) Dibromomethane	7.66	93	30520	19.189	ug/l	99
47) Bromodichloromethane	7.90	83	53746	18.983	ug/l	97
48) Methyl methacrylate	7.77	41	42721	18.244	ug/l	98
49) 1,4-Dioxane	7.74	88	25100	383.190	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	296979	95.307	ug/l	100
52) Toluene	8.78	92	108308	18.852	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	58058	19.071	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	64456	19.028	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44723	18.906	ug/l	97
56) Ethyl methacrylate	9.18	69	65876	19.038	ug/l	98
57) 1,3-Dichloropropane	9.37	76	70155	18.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	164927	99.850	ug/l	99
59) 2-Hexanone	9.49	43	231325	95.714	ug/l	100
60) Dibromochloromethane	9.58	129	45567	18.419	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48177	19.191	ug/l	98
64) Tetrachloroethene	9.34	164	48852	19.408	ug/l	97
65) Chlorobenzene	10.13	112	121655	18.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	43926	19.019	ug/l	98
67) Ethyl Benzene	10.25	91	212287	18.978	ug/l	99
68) m/p-Xylenes	10.36	106	162015	37.759	ug/l	100
69) o-Xylene	10.69	106	78946	18.852	ug/l	99
70) Styrene	10.71	104	132477	18.978	ug/l	100
71) Bromoform	10.85	173	34164	17.967	ug/l #	98
73) Isopropylbenzene	11.02	105	214941	18.946	ug/l	99
74) N-amyl acetate	10.90	43	80173	18.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68722	18.510	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	57693m	19.042	ug/l	
77) Bromobenzene	11.26	156	57115	18.252	ug/l	99
78) n-propylbenzene	11.36	91	239134	19.077	ug/l	100
79) 2-Chlorotoluene	11.42	91	141497	18.791	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180898	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19367	18.886	ug/l	97
82) 4-Chlorotoluene	11.51	91	166338	18.979	ug/l	100
83) tert-Butylbenzene	11.77	119	178633	19.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180166	18.857	ug/l	99
85) sec-Butylbenzene	11.94	105	211773	19.410	ug/l	100
86) p-Isopropyltoluene	12.06	119	194203	19.253	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	102985	18.964	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	103096	18.510	ug/l	97
89) n-Butylbenzene	12.38	91	165510	19.180	ug/l	100
90) Hexachloroethane	12.60	117	29148	18.321	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	101986	18.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14913	19.216	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	70855	19.426	ug/l	99
94) Hexachlorobutadiene	13.78	225	34726	19.212	ug/l	100
95) Naphthalene	13.83	128	209025	19.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72622	20.010	ug/l	98

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

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