

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011217.D
 Acq On : 31 Jul 2019 00:41
 Operator : JC/SP
 Sample : VX0730WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:55:56 AM

Quant Time: Jul 31 09:33:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95584	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	5.49	113	83875	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	309666	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	11.13	95	114972	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31480	16.266	ug/l	99
3) Chloromethane	1.33	50	29548	17.298	ug/l	99
4) Vinyl Chloride	1.41	62	31446	18.049	ug/l	98
5) Bromomethane	1.64	94	19169	19.524	ug/l	99
6) Chloroethane	1.72	64	22838	20.627	ug/l	94
7) Trichlorofluoromethane	1.93	101	55297	18.749	ug/l	98
8) Diethyl Ether	2.19	74	18377	18.085	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30889	18.343	ug/l	99
10) Methyl Iodide	2.51	142	29929	13.544	ug/l	98
11) Tert butyl alcohol	3.04	59	49298	107.121	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29679	17.938	ug/l	95
13) Acrolein	2.29	56	14509	54.567	ug/l	93
14) Allyl chloride	2.73	41	42392	17.640	ug/l	98
15) Acrylonitrile	3.14	53	92064	99.000	ug/l	99
16) Acetone	2.45	43	77003	86.279	ug/l	98
17) Carbon Disulfide	2.57	76	59641	14.053	ug/l	99
18) Methyl Acetate	2.78	43	45117	22.201	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	102086	19.167	ug/l	100
20) Methylene Chloride	2.85	84	34575	18.280	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	30929	17.618	ug/l	98
22) Diisopropyl ether	3.85	45	97178	19.173	ug/l	97
23) Vinyl Acetate	3.82	43	390542	90.939	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54567	18.538	ug/l	97
25) 2-Butanone	4.67	43	123605	96.479	ug/l	98
26) 2,2-Dichloropropane	4.59	77	30935	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37320	18.369	ug/l	97
28) Bromochloromethane	5.01	49	27861	20.086	ug/l	97
29) Tetrahydrofuran	5.13	42	78747	97.034	ug/l	100
30) Chloroform	5.21	83	60050	18.874	ug/l	93
31) Cyclohexane	5.58	56	46022	17.153	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50745	18.435	ug/l	99
36) 1,1-Dichloropropene	5.80	75	40975	17.768	ug/l	99
37) Ethyl Acetate	4.84	43	46386	19.644	ug/l	98
38) Carbon Tetrachloride	5.79	117	42029	17.490	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48831	16.329	ug/l	97
40) Benzene	6.14	78	129872	18.385	ug/l	100
41) Methacrylonitrile	5.04	41	25248	18.835	ug/l	97
42) 1,2-Dichloroethane	6.19	62	46502	18.933	ug/l	100
43) Isopropyl Acetate	6.44	43	71964	18.534	ug/l	100
44) Trichloroethene	7.21	130	37721	18.040	ug/l	98
45) 1,2-Dichloropropane	7.51	63	34105	18.969	ug/l	98
46) Dibromomethane	7.66	93	24558	19.115	ug/l	98
47) Bromodichloromethane	7.90	83	41758	18.259	ug/l	99
48) Methyl methacrylate	7.77	41	36112	19.092	ug/l	97
49) 1,4-Dioxane	7.74	88	20628	389.874	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	250076	99.357	ug/l	100
52) Toluene	8.78	92	83022	17.891	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	40118	16.315	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	45874	16.765	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36170	18.930	ug/l	98
56) Ethyl methacrylate	9.18	69	51816	18.539	ug/l	98
57) 1,3-Dichloropropane	9.37	76	56855	18.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	128673	96.443	ug/l	98
59) 2-Hexanone	9.49	43	195888	100.343	ug/l	99
60) Dibromochloromethane	9.58	129	35450	17.834	ug/l	100
61) 1,2-Dibromoethane	9.67	107	37135	18.313	ug/l	97
64) Tetrachloroethene	9.34	164	38145	18.932	ug/l	97
65) Chlorobenzene	10.13	112	97226	18.482	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	34937	18.897	ug/l	98
67) Ethyl Benzene	10.25	91	164184	18.336	ug/l	98
68) m/p-Xylenes	10.36	106	125439	36.521	ug/l	99
69) o-Xylene	10.69	106	61878	18.460	ug/l	100
70) Styrene	10.71	104	105099	18.808	ug/l	99
71) Bromoform	10.85	173	24794	16.527	ug/l	98
73) Isopropylbenzene	11.02	105	165984	18.085	ug/l	100
74) N-amyl acetate	10.90	43	63192	18.020	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	56955	18.963	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	46897m	19.133	ug/l	
77) Bromobenzene	11.25	156	45122	17.824	ug/l	97
78) n-propylbenzene	11.36	91	183008	18.047	ug/l	99
79) 2-Chlorotoluene	11.42	91	110886	18.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140759	18.354	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	11905	15.306	ug/l #	86
82) 4-Chlorotoluene	11.51	91	128441	18.115	ug/l	99
83) tert-Butylbenzene	11.77	119	138017	18.322	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140830	18.219	ug/l	99
85) sec-Butylbenzene	11.94	105	164901	18.682	ug/l	99
86) p-Isopropyltoluene	12.06	119	149242	18.289	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79971	18.203	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79988	17.752	ug/l	97
89) n-Butylbenzene	12.38	91	126178	18.074	ug/l	99
90) Hexachloroethane	12.60	117	21297	16.547	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	83106	19.087	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12016	19.139	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	55006	18.641	ug/l	97
94) Hexachlorobutadiene	13.78	225	26052	17.816	ug/l	99
95) Naphthalene	13.83	128	175812	20.176	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56348	19.192	ug/l	99

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

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