

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010802.D
 Acq On : 11 Jul 2019 13:16
 Operator : JC/SP
 Sample : VX0711WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 12:21:53 PM

Quant Time: Jul 12 07:13:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114162	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	5.50	113	100985	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	372290	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.13	95	141505	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41597	25.760	ug/l	97
3) Chloromethane	1.33	50	40958	21.782	ug/l	99
4) Vinyl Chloride	1.41	62	43459	21.101	ug/l	99
5) Bromomethane	1.64	94	23708	23.628	ug/l	98
6) Chloroethane	1.72	64	28395	23.369	ug/l	98
7) Trichlorofluoromethane	1.93	101	73418	22.487	ug/l	99
8) Diethyl Ether	2.19	74	25520	21.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41849	21.152	ug/l	97
10) Methyl Iodide	2.51	142	53659	19.004	ug/l	95
11) Tert butyl alcohol	3.05	59	53590	94.042	ug/l	97
12) 1,1-Dichloroethene	2.37	96	40477	20.105	ug/l	93
13) Acrolein	2.29	56	26714	70.668	ug/l	98
14) Allyl chloride	2.73	41	59385	20.777	ug/l	95
15) Acrylonitrile	3.14	53	119797	106.181	ug/l	99
16) Acetone	2.45	43	117481	107.640	ug/l	95
17) Carbon Disulfide	2.57	76	88602	16.404	ug/l	99
18) Methyl Acetate	2.78	43	48108	22.116	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	139666	22.052	ug/l	97
20) Methylene Chloride	2.85	84	46905	20.883	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42935	19.829	ug/l	93
22) Diisopropyl ether	3.85	45	128991	21.585	ug/l	99
23) Vinyl Acetate	3.82	43	559666	108.408	ug/l	97
24) 1,1-Dichloroethane	3.70	63	73734	21.345	ug/l	99
25) 2-Butanone	4.67	43	169706	106.001	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60772	20.252	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51806	20.704	ug/l	97
28) Bromochloromethane	5.01	49	30216	18.295	ug/l	93
29) Tetrahydrofuran	5.13	42	105490	106.377	ug/l	99
30) Chloroform	5.21	83	80104	21.553	ug/l	97
31) Cyclohexane	5.57	56	65801	20.918	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	67823	20.666	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57053	21.039	ug/l	97
37) Ethyl Acetate	4.84	43	60233	21.591	ug/l	98
38) Carbon Tetrachloride	5.78	117	56885	19.372	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72499	20.339	ug/l	92
40) Benzene	6.14	78	176623	20.906	ug/l	100
41) Methacrylonitrile	5.04	41	33668	21.995	ug/l	97
42) 1,2-Dichloroethane	6.20	62	63586	24.725	ug/l	96
43) Isopropyl Acetate	6.45	43	97391	21.100	ug/l	98
44) Trichloroethene	7.21	130	51649	20.431	ug/l	96
45) 1,2-Dichloropropane	7.51	63	44626	20.917	ug/l	99
46) Dibromomethane	7.66	93	32397	21.165	ug/l	94
47) Bromodichloromethane	7.90	83	54621	19.471	ug/l	98
48) Methyl methacrylate	7.77	41	46873	21.848	ug/l	96
49) 1,4-Dioxane	7.74	88	26509	428.923	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	325593	110.297	ug/l	98
52) Toluene	8.79	92	115652	20.787	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57064	18.144	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	66097	19.339	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	48295	21.048	ug/l	99
56) Ethyl methacrylate	9.18	69	70110	20.170	ug/l	93
57) 1,3-Dichloropropane	9.37	76	76294	21.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	155284	94.065	ug/l	100
59) 2-Hexanone	9.49	43	258554	111.287	ug/l	97
60) Dibromochloromethane	9.58	129	45612	17.754	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50815	20.517	ug/l	99
64) Tetrachloroethene	9.34	164	51668	20.744	ug/l	98
65) Chlorobenzene	10.14	112	128236	20.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45150	19.827	ug/l	99
67) Ethyl Benzene	10.25	91	224242	21.247	ug/l	98
68) m/p-Xylenes	10.36	106	173029	42.310	ug/l	97
69) o-Xylene	10.70	106	84751	21.074	ug/l	98
70) Styrene	10.71	104	142237	21.089	ug/l	97
71) Bromoform	10.85	173	32114	16.217	ug/l #	98
73) Isopropylbenzene	11.02	105	227226	20.197	ug/l	98
74) N-amyl acetate	10.90	43	89652	21.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	74556	20.011	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61496m	20.334	ug/l	
77) Bromobenzene	11.26	156	61074	19.442	ug/l	96
78) n-propylbenzene	11.36	91	254587	20.590	ug/l	98
79) 2-Chlorotoluene	11.42	91	150133	20.391	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	191568	20.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19394	14.960	ug/l #	83
82) 4-Chlorotoluene	11.51	91	175342	20.929	ug/l	99
83) tert-Butylbenzene	11.77	119	186347	20.019	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	194714	20.897	ug/l	99
85) sec-Butylbenzene	11.94	105	221704	20.285	ug/l	99
86) p-Isopropyltoluene	12.06	119	209312	20.704	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	109795	20.023	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	110047	19.713	ug/l	98
89) n-Butylbenzene	12.39	91	181595	21.139	ug/l	99
90) Hexachloroethane	12.60	117	28149	16.103	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	110545	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15044	18.728	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76347	20.201	ug/l	99
94) Hexachlorobutadiene	13.78	225	36559	19.792	ug/l	97
95) Naphthalene	13.83	128	242184	20.852	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	75952	20.212	ug/l	97

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

