

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007900.D
 Acq On : 07 Mar 2019 23:24
 Operator : JC/SP
 Sample : VX0307WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:39:52 AM

Quant Time: Mar 08 07:09:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143052	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	5.50	113	125155	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	465575	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	163245	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43059	19.092	ug/l	99
3) Chloromethane	1.33	50	58255	20.043	ug/l	99
4) Vinyl Chloride	1.41	62	58715	20.331	ug/l	99
5) Bromomethane	1.64	94	31419	22.565	ug/l	100
6) Chloroethane	1.73	64	42425	22.114	ug/l	98
7) Trichlorofluoromethane	1.93	101	73578	19.569	ug/l	98
8) Diethyl Ether	2.20	74	33729	20.716	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43470	18.657	ug/l	99
10) Methyl Iodide	2.51	142	68427	20.701	ug/l	100
11) Tert butyl alcohol	3.07	59	67926	109.072	ug/l	100
12) 1,1-Dichloroethene	2.38	96	44244	19.699	ug/l	98
13) Acrolein	2.30	56	29636	85.114	ug/l	100
14) Allyl chloride	2.73	41	91876	19.467	ug/l	99
15) Acrylonitrile	3.15	53	160385	102.032	ug/l	99
16) Acetone	2.45	43	133779	82.999	ug/l	100
17) Carbon Disulfide	2.57	76	138522	20.041	ug/l	100
18) Methyl Acetate	2.78	43	72943	21.302	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	161543	20.907	ug/l	99
20) Methylene Chloride	2.86	84	51988	20.266	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48379	19.576	ug/l	98
22) Diisopropyl ether	3.87	45	179561	20.755	ug/l	99
23) Vinyl Acetate	3.82	43	774171	102.045	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94171	20.227	ug/l	98
25) 2-Butanone	4.70	43	220592	96.669	ug/l	99
26) 2,2-Dichloropropane	4.59	77	48939	15.866	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56793	20.083	ug/l	97
28) Bromochloromethane	5.02	49	49771	22.931	ug/l	97
29) Tetrahydrofuran	5.15	42	148397	104.256	ug/l	100
30) Chloroform	5.21	83	91598	20.799	ug/l	97
31) Cyclohexane	5.57	56	83284	19.464	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	73066	19.996	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67976	19.285	ug/l	99
37) Ethyl Acetate	4.85	43	83002	19.843	ug/l	99
38) Carbon Tetrachloride	5.79	117	64279	19.208	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78369	18.348	ug/l	95
40) Benzene	6.15	78	211549	20.160	ug/l	100
41) Methacrylonitrile	5.06	41	46533	20.404	ug/l	100
42) 1,2-Dichloroethane	6.20	62	69576	20.274	ug/l	99
43) Isopropyl Acetate	6.46	43	124702	20.144	ug/l	100
44) Trichloroethene	7.21	130	56376	19.495	ug/l	100
45) 1,2-Dichloropropane	7.51	63	56502	20.386	ug/l	98
46) Dibromomethane	7.66	93	35272	20.109	ug/l	100
47) Bromodichloromethane	7.90	83	66451	19.982	ug/l	99
48) Methyl methacrylate	7.77	41	66560	20.450	ug/l	100
49) 1,4-Dioxane	7.75	88	26966	403.321	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	422554	106.138	ug/l	100
52) Toluene	8.79	92	129071	20.146	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	65966	19.005	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	75275	19.205	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54829	21.141	ug/l	97
56) Ethyl methacrylate	9.18	69	80644	20.710	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90257	20.727	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211801	105.150	ug/l	100
59) 2-Hexanone	9.49	43	314620	101.789	ug/l	99
60) Dibromochloromethane	9.58	129	55402	20.437	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56326	20.456	ug/l	99
64) Tetrachloroethene	9.33	164	55417	19.374	ug/l	99
65) Chlorobenzene	10.14	112	140570	19.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	52272	20.192	ug/l	99
67) Ethyl Benzene	10.25	91	236584	19.898	ug/l	98
68) m/p-Xylenes	10.36	106	180418	39.367	ug/l	100
69) o-Xylene	10.70	106	87639	19.807	ug/l	99
70) Styrene	10.71	104	146682	20.259	ug/l	100
71) Bromoform	10.86	173	43039	19.360	ug/l #	99
73) Isopropylbenzene	11.02	105	236605	20.688	ug/l	100
74) N-amyl acetate	10.90	43	106787	20.453	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80701	20.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75593m	21.303	ug/l	
77) Bromobenzene	11.26	156	63362	20.208	ug/l	99
78) n-propylbenzene	11.36	91	257721	20.313	ug/l	100
79) 2-Chlorotoluene	11.42	91	157842	20.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	195017	20.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19361	17.440	ug/l	88
82) 4-Chlorotoluene	11.51	91	178580	20.087	ug/l	99
83) tert-Butylbenzene	11.77	119	189897	20.028	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	199638	20.689	ug/l	100
85) sec-Butylbenzene	11.94	105	229495	20.551	ug/l	99
86) p-Isopropyltoluene	12.06	119	203609	20.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	108850	19.622	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	109419	19.261	ug/l	99
89) n-Butylbenzene	12.39	91	165689	19.555	ug/l	99
90) Hexachloroethane	12.60	117	32822	19.629	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	109697	19.906	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16284	19.751	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	74177	19.161	ug/l	99
94) Hexachlorobutadiene	13.78	225	40704	20.111	ug/l	99
95) Naphthalene	13.83	128	222337	19.932	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	74810	19.399	ug/l	99

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

