

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX010996.D
 Acq On : 19 Jul 2019 12:44
 Operator : JC/SP
 Sample : VX0720WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:22:54 PM

Quant Time: Jul 20 01:23:03 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	5.67	168	226762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122325	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	108134	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	8.71	98	412052	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	148906	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46742	19.666	ug/l	100
3) Chloromethane	1.33	50	40205	19.280	ug/l	99
4) Vinyl Chloride	1.41	62	42991	20.212	ug/l	99
5) Bromomethane	1.64	94	25610	21.366	ug/l	99
6) Chloroethane	1.73	64	25630	18.962	ug/l	99
7) Trichlorofluoromethane	1.93	101	72103	20.026	ug/l	100
8) Diethyl Ether	2.19	74	23620	19.040	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40605	19.752	ug/l	99
10) Methyl Iodide	2.51	142	41883	15.525	ug/l	99
11) Tert butyl alcohol	3.04	59	54479	96.968	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39740	19.675	ug/l	99
13) Acrolein	2.29	56	24285	74.814	ug/l	99
14) Allyl chloride	2.73	41	57443	19.579	ug/l	99
15) Acrylonitrile	3.14	53	113392	99.881	ug/l	99
16) Acetone	2.45	43	106336	97.596	ug/l	96
17) Carbon Disulfide	2.57	76	94338	18.208	ug/l	99
18) Methyl Acetate	2.78	43	48439	19.524	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129194	19.869	ug/l	97
20) Methylene Chloride	2.85	84	44767	19.388	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	41680	19.448	ug/l	99
22) Diisopropyl ether	3.85	45	122701	19.830	ug/l	97
23) Vinyl Acetate	3.81	43	525953	100.319	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69951	19.466	ug/l	100
25) 2-Butanone	4.67	43	158160	101.122	ug/l	98
26) 2,2-Dichloropropane	4.59	77	55947	18.961	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48802	19.676	ug/l	97
28) Bromochloromethane	5.01	49	30036	17.737	ug/l	100
29) Tetrahydrofuran	5.13	42	98533	99.455	ug/l	99
30) Chloroform	5.21	83	75222	19.366	ug/l	96
31) Cyclohexane	5.58	56	63607	19.419	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	65614	19.525	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54800	19.584	ug/l	99
37) Ethyl Acetate	4.84	43	57265	19.986	ug/l	97
38) Carbon Tetrachloride	5.79	117	57100	19.583	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68283	18.817	ug/l	97
40) Benzene	6.14	78	168213	19.625	ug/l	99
41) Methacrylonitrile	5.04	41	31268	19.224	ug/l	99
42) 1,2-Dichloroethane	6.20	62	58091	19.492	ug/l	100
43) Isopropyl Acetate	6.45	43	91006	19.316	ug/l	99
44) Trichloroethene	7.21	130	49166	19.378	ug/l	91
45) 1,2-Dichloropropane	7.51	63	40915	18.755	ug/l	96
46) Dibromomethane	7.66	93	30664	19.670	ug/l	99
47) Bromodichloromethane	7.90	83	54231	19.543	ug/l	97
48) Methyl methacrylate	7.77	41	44380	19.337	ug/l	98
49) 1,4-Dioxane	7.74	88	25353	394.905	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	304946	99.849	ug/l	100
52) Toluene	8.78	92	109015	19.360	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57256	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64534	19.437	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45036	19.425	ug/l	99
56) Ethyl methacrylate	9.18	69	66207	19.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71876	19.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	162191	100.186	ug/l	99
59) 2-Hexanone	9.49	43	239710	101.195	ug/l	100
60) Dibromochloromethane	9.58	129	45458	18.703	ug/l	100
61) 1,2-Dibromoethane	9.67	107	49017	19.922	ug/l	100
64) Tetrachloroethene	9.34	164	47465	19.624	ug/l	97
65) Chlorobenzene	10.13	112	123220	19.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	42997	19.373	ug/l	96
67) Ethyl Benzene	10.25	91	212750	19.793	ug/l	100
68) m/p-Xylenes	10.36	106	163021	39.537	ug/l	100
69) o-Xylene	10.69	106	79364	19.722	ug/l	100
70) Styrene	10.71	104	134135	19.996	ug/l	100
71) Bromoform	10.85	173	33359	18.215	ug/l #	99
73) Isopropylbenzene	11.02	105	214595	19.993	ug/l	100
74) N-amyl acetate	10.90	43	80924	19.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70188	19.982	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59007m	20.585	ug/l	
77) Bromobenzene	11.26	156	57209	19.323	ug/l	99
78) n-propylbenzene	11.36	91	238266	20.090	ug/l	99
79) 2-Chlorotoluene	11.42	91	142249	19.967	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180335	20.107	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18159	18.752	ug/l	91
82) 4-Chlorotoluene	11.51	91	164369	19.823	ug/l	99
83) tert-Butylbenzene	11.77	119	177987	20.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	181298	20.056	ug/l	99
85) sec-Butylbenzene	11.94	105	210957	20.436	ug/l	100
86) p-Isopropyltoluene	12.06	119	193128	20.237	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	102369	19.924	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102434	19.439	ug/l	99
89) n-Butylbenzene	12.38	91	163075	19.973	ug/l	99
90) Hexachloroethane	12.60	117	28101	18.669	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	101578	19.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15379	20.945	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	69289	20.078	ug/l	100
94) Hexachlorobutadiene	13.78	225	33893	19.819	ug/l	98
95) Naphthalene	13.83	128	211513	20.756	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69610	20.272	ug/l	99

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

