

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012548.D
 Acq On : 20 Sep 2019 11:42
 Operator : JC/SP
 Sample : VX0920WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:29:34 AM

Quant Time: Sep 20 16:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	135464	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.48	113	98745	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	368274	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.14	95	146297	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23302	18.158	ug/l	99
3) Chloromethane	1.32	50	19647	18.322	ug/l	97
4) Vinyl Chloride	1.40	62	21254	18.339	ug/l	95
5) Bromomethane	1.63	94	9524	20.917	ug/l	89
6) Chloroethane	1.71	64	15826	17.450	ug/l	98
7) Trichlorofluoromethane	1.92	101	40504	19.065	ug/l	100
8) Diethyl Ether	2.17	74	17054	17.772	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28590	18.599	ug/l	99
10) Methyl Iodide	2.50	142	19874	18.170	ug/l	97
11) Tert butyl alcohol	3.03	59	59094	79.353	ug/l	99
12) 1,1-Dichloroethene	2.36	96	23241	18.953	ug/l	99
13) Acrolein	2.28	56	21309	85.707	ug/l	96
14) Allyl chloride	2.72	41	50904	17.830	ug/l	97
15) Acrylonitrile	3.13	53	106395	87.832	ug/l	100
16) Acetone	2.43	43	118259	87.410	ug/l	100
17) Carbon Disulfide	2.56	76	26673	16.631	ug/l	95
18) Methyl Acetate	2.76	43	52209	17.923	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	123630	18.491	ug/l	97
20) Methylene Chloride	2.84	84	30934	18.285	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	24057	18.892	ug/l	96
22) Diisopropyl ether	3.84	45	120566	18.037	ug/l #	87
23) Vinyl Acetate	3.80	43	493925	89.825	ug/l	99
24) 1,1-Dichloroethane	3.69	63	59344	18.555	ug/l	98
25) 2-Butanone	4.66	43	165663	85.435	ug/l	99
26) 2,2-Dichloropropane	4.57	77	54314	17.267	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34778	18.283	ug/l	99
28) Bromochloromethane	5.00	49	30482	18.487	ug/l	94
29) Tetrahydrofuran	5.11	42	94075	87.821	ug/l	99
30) Chloroform	5.20	83	65935	17.951	ug/l	94
31) Cyclohexane	5.57	56	35998	18.645	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	54994	17.913	ug/l	100
36) 1,1-Dichloropropene	5.79	75	34323	17.732	ug/l	94
37) Ethyl Acetate	4.82	43	56514	19.020	ug/l	99
38) Carbon Tetrachloride	5.78	117	42867	17.806	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37279	19.811	ug/l	94
40) Benzene	6.13	78	117933	19.159	ug/l	98
41) Methacrylonitrile	5.03	41	33389	17.452	ug/l	98
42) 1,2-Dichloroethane	6.18	62	53321	18.676	ug/l	100
43) Isopropyl Acetate	6.43	43	96410	18.078	ug/l	100
44) Trichloroethene	7.20	130	31905	19.704	ug/l	91
45) 1,2-Dichloropropane	7.50	63	34978	18.496	ug/l	98
46) Dibromomethane	7.65	93	22567	18.440	ug/l	99
47) Bromodichloromethane	7.89	83	49087	18.014	ug/l	99
48) Methyl methacrylate	7.76	41	44694	17.779	ug/l	99
49) 1,4-Dioxane	7.73	88	21192	346.366	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	320165	91.546	ug/l	100
52) Toluene	8.78	92	77704	19.591	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	51924	18.332	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	55410	18.896	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38285	18.735	ug/l	98
56) Ethyl methacrylate	9.17	69	58796	18.403	ug/l	98
57) 1,3-Dichloropropane	9.37	76	61261	18.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	167753	101.433	ug/l	98
59) 2-Hexanone	9.48	43	242622	88.922	ug/l	99
60) Dibromochloromethane	9.58	129	38416	18.456	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36023	19.302	ug/l	97
64) Tetrachloroethene	9.33	164	31127	23.994	ug/l	94
65) Chlorobenzene	10.14	112	91770	19.640	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	36512	18.828	ug/l	99
67) Ethyl Benzene	10.25	91	155905	19.420	ug/l	99
68) m/p-Xylenes	10.35	106	116406	39.852	ug/l	98
69) o-Xylene	10.70	106	59603	19.842	ug/l	99
70) Styrene	10.71	104	103704	19.512	ug/l	99
71) Bromoform	10.85	173	25840	17.457	ug/l #	99
73) Isopropylbenzene	11.01	105	166019	19.654	ug/l	99
74) N-amyl acetate	10.89	43	83335	18.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62068	18.731	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59466m	19.229	ug/l	
77) Bromobenzene	11.25	156	39918	19.377	ug/l	100
78) n-propylbenzene	11.35	91	181021	19.227	ug/l	99
79) 2-Chlorotoluene	11.42	91	117437	19.174	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	141812	19.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17086	17.324	ug/l	91
82) 4-Chlorotoluene	11.51	91	135583	19.288	ug/l	100
83) tert-Butylbenzene	11.76	119	143329	18.567	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	144132	19.485	ug/l	99
85) sec-Butylbenzene	11.94	105	165574	19.465	ug/l	99
86) p-Isopropyltoluene	12.06	119	150204	19.230	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75689	19.531	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76545	19.229	ug/l	98
89) n-Butylbenzene	12.39	91	127604	18.310	ug/l	99
90) Hexachloroethane	12.59	117	24997	17.454	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	77166	19.052	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15061	17.532	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48921	18.752	ug/l	97
94) Hexachlorobutadiene	13.78	225	22052	17.934	ug/l	97
95) Naphthalene	13.83	128	177367	19.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51105	19.223	ug/l	98

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

