

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012473.D
 Acq On : 18 Sep 2019 15:01
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:04:29 PM

Quant Time: Sep 19 07:06:50 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	377644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	266480	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.49	113	198008	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	8.71	98	727794	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.14	95	284418	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25019	10.243	ug/l	93
3) Chloromethane	1.32	50	21516	10.363	ug/l	100
4) Vinyl Chloride	1.40	62	24210	10.789	ug/l	98
5) Bromomethane	1.63	94	10225	11.598	ug/l	99
6) Chloroethane	1.71	64	17321	9.864	ug/l	100
7) Trichlorofluoromethane	1.92	101	45657	11.099	ug/l	98
8) Diethyl Ether	2.18	74	19488	10.489	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32041	10.765	ug/l	99
10) Methyl Iodide	2.50	142	23816	12.938	ug/l	96
11) Tert butyl alcohol	3.03	59	70147	46.323	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25986	10.945	ug/l	94
13) Acrolein	2.28	56	18959	38.470	ug/l	99
14) Allyl chloride	2.72	41	57024	10.316	ug/l	99
15) Acrylonitrile	3.13	53	122736	52.331	ug/l	99
16) Acetone	2.44	43	118180	41.136	ug/l	97
17) Carbon Disulfide	2.56	76	30604	10.591	ug/l	95
18) Methyl Acetate	2.76	43	59799	10.603	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	135882	10.497	ug/l	95
20) Methylene Chloride	2.85	84	35132	10.725	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	27366	11.100	ug/l	95
22) Diisopropyl ether	3.84	45	133691	10.330	ug/l	98
23) Vinyl Acetate	3.80	43	562635	52.846	ug/l	99
24) 1,1-Dichloroethane	3.69	63	67067	10.830	ug/l	100
25) 2-Butanone	4.66	43	183939	48.993	ug/l	98
26) 2,2-Dichloropropane	4.57	77	57871	9.502	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	39484	10.720	ug/l	97
28) Bromochloromethane	5.01	49	30302	9.492	ug/l	98
29) Tetrahydrofuran	5.12	42	111403	53.712	ug/l	99
30) Chloroform	5.20	83	74647	10.496	ug/l	99
31) Cyclohexane	5.56	56	39953	10.688	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	63080	10.612	ug/l	100
36) 1,1-Dichloropropene	5.79	75	40354	10.774	ug/l	95
37) Ethyl Acetate	4.83	43	66914	11.638	ug/l	99
38) Carbon Tetrachloride	5.78	117	49547	10.636	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40776	11.198	ug/l	96
40) Benzene	6.14	78	131959	11.079	ug/l	98
41) Methacrylonitrile	5.03	41	38681	10.448	ug/l	96
42) 1,2-Dichloroethane	6.18	62	60075	10.875	ug/l	99
43) Isopropyl Acetate	6.43	43	108891	10.552	ug/l	99
44) Trichloroethene	7.21	130	36084	11.517	ug/l	96
45) 1,2-Dichloropropane	7.51	63	39614	10.826	ug/l	98
46) Dibromomethane	7.65	93	26129	11.034	ug/l	99
47) Bromodichloromethane	7.89	83	55532	10.532	ug/l	97
48) Methyl methacrylate	7.76	41	50387	10.358	ug/l	98
49) 1,4-Dioxane	7.73	88	24750	209.054	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	364386	53.845	ug/l	99
52) Toluene	8.78	92	86408	11.258	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56456	10.301	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60064	10.585	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43330	10.958	ug/l	96
56) Ethyl methacrylate	9.17	69	65774	10.639	ug/l	97
57) 1,3-Dichloropropane	9.37	76	71191	11.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	178015	55.627	ug/l	100
59) 2-Hexanone	9.49	43	276343	52.342	ug/l	99
60) Dibromochloromethane	9.58	129	43422	10.781	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40931	11.334	ug/l	99
64) Tetrachloroethene	9.33	164	32301	13.109	ug/l	93
65) Chlorobenzene	10.14	112	101633	11.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	42064	11.420	ug/l	99
67) Ethyl Benzene	10.25	91	173574	11.384	ug/l	99
68) m/p-Xylenes	10.35	106	128974	23.248	ug/l	99
69) o-Xylene	10.70	106	67051	11.752	ug/l	97
70) Styrene	10.71	104	115226	11.415	ug/l	99
71) Bromoform	10.85	173	30173	11.838	ug/l #	98
73) Isopropylbenzene	11.01	105	184665	11.766	ug/l	100
74) N-amyl acetate	10.89	43	95769	11.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	69543	11.295	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	67986m	11.832	ug/l	
77) Bromobenzene	11.25	156	46535	12.157	ug/l	97
78) n-propylbenzene	11.35	91	201608	11.525	ug/l	99
79) 2-Chlorotoluene	11.42	91	131608	11.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158326	11.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19927	12.027	ug/l	96
82) 4-Chlorotoluene	11.51	91	151517	11.601	ug/l	99
83) tert-Butylbenzene	11.77	119	161016	11.226	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	159943	11.637	ug/l	100
85) sec-Butylbenzene	11.94	105	180670	11.431	ug/l	99
86) p-Isopropyltoluene	12.06	119	167907	11.569	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83632	11.615	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	85993	11.626	ug/l	97
89) n-Butylbenzene	12.38	91	141472	10.925	ug/l	98
90) Hexachloroethane	12.59	117	28563	10.733	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	87279	11.597	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18419	11.539	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	56123	11.578	ug/l	98
94) Hexachlorobutadiene	13.78	225	24328	10.648	ug/l	99
95) Naphthalene	13.83	128	208174	12.069	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	58514	11.846	ug/l	99

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

