

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011733.D
 Acq On : 21 Aug 2019 15:31
 Operator : JC/SP
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:09 AM

Quant Time: Aug 22 04:02:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	349940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	513951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	166268	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.49	113	144040	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	
50) Toluene-d8	8.71	98	453206	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
62) 4-Bromofluorobenzene	11.13	95	204528	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	73337	21.321	ug/l	100
3) Chloromethane	1.32	50	58259	16.307	ug/l	99
4) Vinyl Chloride	1.40	62	57204	17.725	ug/l	95
5) Bromomethane	1.63	94	25243	17.457	ug/l	96
6) Chloroethane	1.71	64	33552	21.967	ug/l	98
7) Trichlorofluoromethane	1.92	101	95324	21.325	ug/l	100
8) Diethyl Ether	2.18	74	32500	21.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57170	18.517	ug/l	96
10) Methyl Iodide	2.50	142	37742	8.581	ug/l	94
11) Tert butyl alcohol	3.04	59	79112	99.368	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55365	18.555	ug/l	96
13) Acrolein	2.29	56	21543	95.839	ug/l	93
14) Allyl chloride	2.72	41	94091	18.957	ug/l	94
15) Acrylonitrile	3.14	53	187230	102.752	ug/l	99
16) Acetone	2.43	43	150848	92.445	ug/l	98
17) Carbon Disulfide	2.56	76	116070	16.509	ug/l	98
18) Methyl Acetate	2.76	43	106367	21.018	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	205295	21.126	ug/l	98
20) Methylene Chloride	2.85	84	66903	19.527	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	63122	19.963	ug/l	96
22) Diisopropyl ether	3.85	45	202637	20.500	ug/l	95
23) Vinyl Acetate	3.81	43	792248	101.213	ug/l	99
24) 1,1-Dichloroethane	3.69	63	112767	20.178	ug/l	98
25) 2-Butanone	4.67	43	252022	98.380	ug/l	98
26) 2,2-Dichloropropane	4.57	77	83943	19.956	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	73764	20.012	ug/l	99
28) Bromochloromethane	5.01	49	46889	19.112	ug/l	100
29) Tetrahydrofuran	5.12	42	162573	96.745	ug/l	99
30) Chloroform	5.21	83	120881	20.495	ug/l	100
31) Cyclohexane	5.57	56	89729	18.648	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101397	19.994	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80391	18.295	ug/l	98
37) Ethyl Acetate	4.82	43	91491	18.102	ug/l	98
38) Carbon Tetrachloride	5.78	117	91282	18.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97797	18.022	ug/l	98
40) Benzene	6.13	78	252170	18.467	ug/l	100
41) Methacrylonitrile	5.04	41	50127	18.020	ug/l	97
42) 1,2-Dichloroethane	6.19	62	94919	20.063	ug/l	98
43) Isopropyl Acetate	6.44	43	146698	18.598	ug/l	100
44) Trichloroethene	7.21	130	76960	18.998	ug/l	99
45) 1,2-Dichloropropane	7.51	63	65739	19.304	ug/l	98
46) Dibromomethane	7.66	93	46720	18.878	ug/l	99
47) Bromodichloromethane	7.89	83	83653	18.410	ug/l	96
48) Methyl methacrylate	7.77	41	73315	18.769	ug/l	96
49) 1,4-Dioxane	7.74	88	36824	354.443	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	458217	88.754	ug/l	100
52) Toluene	8.78	92	154722	17.785	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86195	18.277	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	97180	18.830	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	69931	18.903	ug/l	97
56) Ethyl methacrylate	9.18	69	98999	18.411	ug/l	97
57) 1,3-Dichloropropane	9.37	76	111658	18.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244520	91.266	ug/l	98
59) 2-Hexanone	9.49	43	379936	95.430	ug/l	100
60) Dibromochloromethane	9.58	129	73166	18.982	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76807	19.453	ug/l	100
64) Tetrachloroethene	9.34	164	72714	18.930	ug/l	99
65) Chlorobenzene	10.13	112	193454	19.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	71853	19.252	ug/l	99
67) Ethyl Benzene	10.25	91	323415	19.407	ug/l	99
68) m/p-Xylenes	10.35	106	250418	39.146	ug/l	99
69) o-Xylene	10.69	106	124612	19.887	ug/l	96
70) Styrene	10.71	104	205509	19.482	ug/l	98
71) Bromoform	10.85	173	56840	17.931	ug/l #	99
73) Isopropylbenzene	11.02	105	334059	20.553	ug/l	100
74) N-amyl acetate	10.90	43	127025	18.391	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	108479	19.402	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	94788m	19.957	ug/l	
77) Bromobenzene	11.25	156	96320	19.919	ug/l	100
78) n-propylbenzene	11.36	91	357134	20.378	ug/l	99
79) 2-Chlorotoluene	11.41	91	218534	20.307	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276141	20.225	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27055	18.532	ug/l	91
82) 4-Chlorotoluene	11.51	91	250840	20.091	ug/l	98
83) tert-Butylbenzene	11.77	119	276083	19.854	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	281344	20.526	ug/l	98
85) sec-Butylbenzene	11.94	105	310081	19.765	ug/l	100
86) p-Isopropyltoluene	12.06	119	298986	20.257	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	161111	19.384	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	161358	19.154	ug/l	99
89) n-Butylbenzene	12.38	91	240913	19.854	ug/l	100
90) Hexachloroethane	12.59	117	43688	18.744	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	165031	19.779	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23917	18.698	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116485	18.737	ug/l	99
94) Hexachlorobutadiene	13.78	225	63093	18.638	ug/l	98
95) Naphthalene	13.83	128	361508	20.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125225	19.971	ug/l	100

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

