

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011260.D
 Acq On : 01 Aug 2019 15:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:06:52 AM

Quant Time: Aug 02 01:38:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	203281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	182556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	8121	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
35) Dibromofluoromethane	5.49	113	7243	5.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.22%	
50) Toluene-d8	8.71	98	27288	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
62) 4-Bromofluorobenzene	11.13	95	8555	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	5386	4.366	ug/l	86
3) Chloromethane	1.32	50	6751	5.334	ug/l	97
4) Vinyl Chloride	1.40	62	7347	5.628	ug/l	91
5) Bromomethane	1.63	94	5776	7.353	ug/l	92
6) Chloroethane	1.71	64	5030	5.970	ug/l #	88
7) Trichlorofluoromethane	1.92	101	13284	5.910	ug/l	94
8) Diethyl Ether	2.18	74	4720	6.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7362	5.791	ug/l	97
10) Methyl Iodide	2.50	142	7091	4.264	ug/l	99
11) Tert butyl alcohol	3.04	59	9682	28.548	ug/l	100
12) 1,1-Dichloroethene	2.37	96	6877	5.530	ug/l	97
13) Acrolein	2.28	56	5899	30.135	ug/l	97
14) Allyl chloride	2.71	41	8783	4.869	ug/l	96
15) Acrylonitrile	3.14	53	18429	26.292	ug/l	99
16) Acetone	2.43	43	18345	27.340	ug/l	100
17) Carbon Disulfide	2.56	76	14723	4.654	ug/l	98
18) Methyl Acetate	2.76	43	8284	5.361	ug/l	91
19) Methyl tert-butyl Ether	3.18	73	19778	4.947	ug/l	99
20) Methylene Chloride	2.85	84	8101	5.668	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	7346	5.522	ug/l	93
22) Diisopropyl ether	3.84	45	20022	5.252	ug/l #	82
23) Vinyl Acetate	3.81	43	77113	23.861	ug/l	100
24) 1,1-Dichloroethane	3.69	63	12226	5.499	ug/l	96
25) 2-Butanone	4.67	43	25796	26.708	ug/l	97
26) 2,2-Dichloropropane	4.57	77	8616	4.754	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	8433	5.488	ug/l	98
28) Bromochloromethane	5.00	49	5096	4.917	ug/l	92
29) Tetrahydrofuran	5.12	42	15612	25.560	ug/l	99
30) Chloroform	5.21	83	12571	5.227	ug/l	99
31) Cyclohexane	5.57	56	10159	5.096	ug/l	88
32) 1,1,1-Trichloroethane	5.48	97	10271	4.951	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9258	5.484	ug/l	98
37) Ethyl Acetate	4.83	43	8717	5.089	ug/l #	90
38) Carbon Tetrachloride	5.78	117	8486	4.832	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	11174	5.184	ug/l	97
40) Benzene	6.13	78	27840	5.384	ug/l	100
41) Methacrylonitrile	5.04	41	4706	4.786	ug/l #	88
42) 1,2-Dichloroethane	6.18	62	9646	5.391	ug/l	94
43) Isopropyl Acetate	6.44	43	14098	4.994	ug/l	97
44) Trichloroethene	7.21	130	8537	5.569	ug/l	99
45) 1,2-Dichloropropane	7.51	63	7359	5.592	ug/l	97
46) Dibromomethane	7.66	93	5508	5.862	ug/l	91
47) Bromodichloromethane	7.89	83	8076	4.845	ug/l	90
48) Methyl methacrylate	7.77	41	6972	5.077	ug/l	92
49) 1,4-Dioxane	7.74	88	3998	103.507	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	47131	25.668	ug/l	98
52) Toluene	8.78	92	18482	5.436	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	7367	4.121	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	9124	4.577	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	7454	5.324	ug/l	97
56) Ethyl methacrylate	9.18	69	9932	4.886	ug/l	95
57) 1,3-Dichloropropane	9.37	76	12355	5.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	27208	27.932	ug/l	100
59) 2-Hexanone	9.49	43	36233	25.442	ug/l	100
60) Dibromochloromethane	9.58	129	6565	4.645	ug/l	99
61) 1,2-Dibromoethane	9.67	107	7975	5.364	ug/l	89
64) Tetrachloroethene	9.34	164	8977	6.147	ug/l	92
65) Chlorobenzene	10.13	112	21467	5.645	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	6658	5.000	ug/l	97
67) Ethyl Benzene	10.25	91	34945	5.417	ug/l	96
68) m/p-Xylenes	10.36	106	26157	10.517	ug/l	93
69) o-Xylene	10.69	106	13138	5.430	ug/l	96
70) Styrene	10.71	104	20728	5.132	ug/l	99
71) Bromoform	10.85	173	4525	4.261	ug/l #	96
73) Isopropylbenzene	11.02	105	34348	5.364	ug/l	97
74) N-amyl acetate	10.90	43	10960	4.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	12009	5.727	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	9016m	5.277	ug/l	
77) Bromobenzene	11.26	156	9334	5.281	ug/l	97
78) n-propylbenzene	11.36	91	37658	5.328	ug/l	99
79) 2-Chlorotoluene	11.42	91	23120	5.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	28600	5.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	2353	3.818	ug/l #	83
82) 4-Chlorotoluene	11.51	91	26414	5.350	ug/l	98
83) tert-Butylbenzene	11.77	119	27866	5.309	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	27984	5.192	ug/l	100
85) sec-Butylbenzene	11.94	105	33202	5.390	ug/l	98
86) p-Isopropyltoluene	12.06	119	30054	5.273	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	17173	5.583	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	18267	5.795	ug/l	96
89) n-Butylbenzene	12.38	91	24707	5.067	ug/l	97
90) Hexachloroethane	12.59	117	3805	4.251	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	17148	5.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1918	4.417	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	10628	5.154	ug/l	96
94) Hexachlorobutadiene	13.78	225	5626	5.485	ug/l	97
95) Naphthalene	13.83	128	29281	4.804	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	10774	5.240	ug/l	98

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

