

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013294.D
 Acq On : 31 Oct 2019 17:05
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:04 PM

Quant Time: Nov 02 05:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	723346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1092004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	498134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	161841	20.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.94%	
35) Dibromofluoromethane	5.49	113	127897	18.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.96%	
50) Toluene-d8	8.71	98	489690	18.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.66%	
62) 4-Bromofluorobenzene	11.14	95	168375	17.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	169788	24.525	ug/l	98
3) Chloromethane	1.31	50	185527	26.133	ug/l	100
4) Vinyl Chloride	1.40	62	211518	28.466	ug/l	99
5) Bromomethane	1.62	94	124228	27.393	ug/l	99
6) Chloroethane	1.71	64	123896	26.679	ug/l	96
7) Trichlorofluoromethane	1.92	101	233035	20.158	ug/l	100
8) Diethyl Ether	2.17	74	104412	24.748	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129153	19.556	ug/l	99
10) Methyl Iodide	2.50	142	155636	18.219	ug/l	99
11) Tert butyl alcohol	3.03	59	205601	109.381	ug/l	98
12) 1,1-Dichloroethene	2.36	96	130425	20.092	ug/l	98
13) Acrolein	2.28	56	117502	107.977	ug/l	98
14) Allyl chloride	2.72	41	230296	23.385	ug/l	100
15) Acrylonitrile	3.13	53	421119	111.621	ug/l	100
16) Acetone	2.43	43	437194	120.185	ug/l	99
17) Carbon Disulfide	2.56	76	339865	20.262	ug/l	99
18) Methyl Acetate	2.76	43	231528	26.443	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	432581	20.356	ug/l	100
20) Methylene Chloride	2.84	84	150839	20.208	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	137746	19.890	ug/l	98
22) Diisopropyl ether	3.84	45	456814	22.167	ug/l	95
23) Vinyl Acetate	3.80	43	1951056	112.400	ug/l	100
24) 1,1-Dichloroethane	3.69	63	252460	21.363	ug/l	99
25) 2-Butanone	4.66	43	627138	119.219	ug/l	99
26) 2,2-Dichloropropane	4.57	77	200502	20.835	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	160128	19.922	ug/l	99
28) Bromochloromethane	5.00	49	70129	13.552	ug/l	99
29) Tetrahydrofuran	5.11	42	383630	114.990	ug/l	100
30) Chloroform	5.20	83	252518	20.030	ug/l	98
31) Cyclohexane	5.57	56	224753	20.900	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	211087	19.492	ug/l	98
36) 1,1-Dichloropropene	5.79	75	186458	20.427	ug/l	98
37) Ethyl Acetate	4.82	43	229350	23.819	ug/l	100
38) Carbon Tetrachloride	5.78	117	177610	18.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227106	19.447	ug/l	98
40) Benzene	6.13	78	572244	20.523	ug/l	99
41) Methacrylonitrile	5.03	41	124497	22.578	ug/l	98
42) 1,2-Dichloroethane	6.19	62	211658	21.464	ug/l	99
43) Isopropyl Acetate	6.44	43	349057	22.108	ug/l	98
44) Trichloroethene	7.21	130	150882	18.525	ug/l	100
45) 1,2-Dichloropropane	7.51	63	145863	20.472	ug/l	95
46) Dibromomethane	7.65	93	98365	19.540	ug/l	99
47) Bromodichloromethane	7.89	83	185143	20.399	ug/l	98
48) Methyl methacrylate	7.76	41	177833	22.852	ug/l	98
49) 1,4-Dioxane	7.73	88	77745	373.670	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1177578	115.011	ug/l	99
52) Toluene	8.78	92	363680	20.013	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	202436	20.674	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	227572	20.973	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146363	19.512	ug/l	98
56) Ethyl methacrylate	9.17	69	228100	20.605	ug/l	98
57) 1,3-Dichloropropane	9.37	76	246482	20.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	518118	99.010	ug/l	100
59) 2-Hexanone	9.49	43	916738	115.686	ug/l	100
60) Dibromochloromethane	9.58	129	147705	19.518	ug/l	99
61) 1,2-Dibromoethane	9.67	107	154569	19.461	ug/l	96
64) Tetrachloroethene	9.33	164	136388	17.780	ug/l	97
65) Chlorobenzene	10.14	112	386620	19.051	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	145554	20.388	ug/l	97
67) Ethyl Benzene	10.25	91	678413	19.610	ug/l	100
68) m/p-Xylenes	10.36	106	515080	38.819	ug/l	99
69) o-Xylene	10.70	106	250933	19.443	ug/l	100
70) Styrene	10.71	104	424661	19.710	ug/l	99
71) Bromoform	10.85	173	111749	19.532	ug/l #	97
73) Isopropylbenzene	11.01	105	671914	19.818	ug/l	99
74) N-amyl acetate	10.89	43	301453	22.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	237679	21.128	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189966m	20.817	ug/l	
77) Bromobenzene	11.25	156	171774	18.487	ug/l	98
78) n-propylbenzene	11.35	91	737759	19.653	ug/l	99
79) 2-Chlorotoluene	11.42	91	440723	19.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	550730	19.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	72396	21.079	ug/l	94
82) 4-Chlorotoluene	11.51	91	511710	19.527	ug/l	99
83) tert-Butylbenzene	11.77	119	556546	19.908	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	556139	19.506	ug/l	98
85) sec-Butylbenzene	11.94	105	630807	19.412	ug/l	99
86) p-Isopropyltoluene	12.06	119	592120	19.692	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	306221	18.956	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	302404	18.316	ug/l	98
89) n-Butylbenzene	12.39	91	500269	19.411	ug/l	99
90) Hexachloroethane	12.59	117	99012	20.500	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	305596	19.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53347	22.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	207550	19.066	ug/l	99
94) Hexachlorobutadiene	13.78	225	102491	19.044	ug/l	96
95) Naphthalene	13.83	128	686578	20.964	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	213633	19.644	ug/l	99

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

