

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011263.D
 Acq On : 01 Aug 2019 16:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:10 AM

Quant Time: Aug 02 01:43:04 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	160262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	232703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	160231	95.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.38%	
35) Dibromofluoromethane	5.49	113	151249	102.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.68%	
50) Toluene-d8	8.71	98	575461	104.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.06%	
62) 4-Bromofluorobenzene	11.13	95	216934	107.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115995	81.886	ug/l	99
3) Chloromethane	1.32	50	126573	87.098	ug/l	100
4) Vinyl Chloride	1.40	62	143575	95.786	ug/l	99
5) Bromomethane	1.63	94	99878	110.728	ug/l	98
6) Chloroethane	1.70	64	96769	100.024	ug/l	99
7) Trichlorofluoromethane	1.92	101	258236	100.058	ug/l	98
8) Diethyl Ether	2.18	74	90362	101.350	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135052	92.517	ug/l	99
10) Methyl Iodide	2.50	142	200209	104.851	ug/l	100
11) Tert butyl alcohol	3.05	59	156007	400.587	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135210	94.683	ug/l	96
13) Acrolein	2.29	56	97781	435.005	ug/l	99
14) Allyl chloride	2.71	41	198021	95.595	ug/l	99
15) Acrylonitrile	3.14	53	377854	469.453	ug/l	99
16) Acetone	2.44	43	350715	455.171	ug/l	100
17) Carbon Disulfide	2.56	76	345353	95.076	ug/l	99
18) Methyl Acetate	2.76	43	166099	93.616	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	422463	92.025	ug/l	99
20) Methylene Chloride	2.85	84	151616	92.373	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	146136	95.658	ug/l	95
22) Diisopropyl ether	3.85	45	413545	94.466	ug/l	100
23) Vinyl Acetate	3.81	43	1865152	502.595	ug/l	99
24) 1,1-Dichloroethane	3.69	63	239773	93.909	ug/l	99
25) 2-Butanone	4.67	43	538205	485.263	ug/l	100
26) 2,2-Dichloropropane	4.57	77	199062	95.645	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	170567	96.664	ug/l	97
28) Bromochloromethane	5.01	49	109069	91.656	ug/l	99
29) Tetrahydrofuran	5.12	42	329477	469.759	ug/l	100
30) Chloroform	5.20	83	260677	94.382	ug/l	99
31) Cyclohexane	5.57	56	198335	86.644	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	233659	98.093	ug/l	100
36) 1,1-Dichloropropene	5.79	75	190206	98.416	ug/l	99
37) Ethyl Acetate	4.82	43	199513	101.744	ug/l	99
38) Carbon Tetrachloride	5.78	117	207163	103.050	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224480	90.969	ug/l	100
40) Benzene	6.13	78	590475	99.749	ug/l	99
41) Methacrylonitrile	5.04	41	109949	97.675	ug/l	99
42) 1,2-Dichloroethane	6.18	62	198012	96.676	ug/l	99
43) Isopropyl Acetate	6.44	43	326241	100.950	ug/l	100
44) Trichloroethene	7.21	130	172989	98.588	ug/l	97
45) 1,2-Dichloropropane	7.51	63	147300	97.786	ug/l	96
46) Dibromomethane	7.66	93	108584	100.949	ug/l	99
47) Bromodichloromethane	7.90	83	204192	107.021	ug/l	99
48) Methyl methacrylate	7.77	41	158885	101.068	ug/l	99
49) 1,4-Dioxane	7.74	88	82348	1862.414	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1082761	515.124	ug/l	99
52) Toluene	8.78	92	393502	101.111	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	226591	110.733	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246928	108.217	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	162619	101.457	ug/l	98
56) Ethyl methacrylate	9.18	69	251609	108.133	ug/l	99
57) 1,3-Dichloropropane	9.37	76	255231	100.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	593533	532.292	ug/l	100
59) 2-Hexanone	9.49	43	834632	511.954	ug/l	99
60) Dibromochloromethane	9.58	129	187462	115.879	ug/l	98
61) 1,2-Dibromoethane	9.67	107	179308	105.356	ug/l	99
64) Tetrachloroethene	9.34	164	165484	93.110	ug/l	97
65) Chlorobenzene	10.13	112	449898	97.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	168723	104.114	ug/l	100
67) Ethyl Benzene	10.25	91	780285	99.385	ug/l	99
68) m/p-Xylenes	10.36	106	610625	201.720	ug/l	100
69) o-Xylene	10.69	106	294909	100.152	ug/l	100
70) Styrene	10.71	104	513582	104.473	ug/l	99
71) Bromoform	10.85	173	146338	113.212	ug/l	100
73) Isopropylbenzene	11.02	105	802663	99.434	ug/l	100
74) N-amyl acetate	10.90	43	308949	100.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	253782	96.006	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207106m	96.151	ug/l	
77) Bromobenzene	11.26	156	217179	97.472	ug/l	98
78) n-propylbenzene	11.36	91	909685	102.101	ug/l	99
79) 2-Chlorotoluene	11.42	91	518986	97.208	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	677430	100.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	82609	106.327	ug/l	97
82) 4-Chlorotoluene	11.51	91	618342	99.350	ug/l	99
83) tert-Butylbenzene	11.77	119	660192	99.769	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	680480	100.150	ug/l	100
85) sec-Butylbenzene	11.94	105	790422	101.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	741177	103.144	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	379742	97.930	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385770	97.080	ug/l	99
89) n-Butylbenzene	12.38	91	647829	105.396	ug/l	99
90) Hexachloroethane	12.60	117	120518	106.809	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	372230	96.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54687	99.902	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262360	100.920	ug/l	100
94) Hexachlorobutadiene	13.78	225	129522	100.167	ug/l	98
95) Naphthalene	13.83	128	814726	106.037	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	267060	103.030	ug/l	100

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

