

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059051.D
 Acq On : 1 Nov 2019 10:25
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:58:37 PM

Quant Time: Nov 02 04:39:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	456831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	737853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	652094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	4823	0.873	ug/l	92
3) Chloromethane	2.04	50	7318	1.055	ug/l	97
4) Vinyl Chloride	2.17	62	6568	0.957	ug/l	100
6) Chloroethane	2.68	64	4643	1.065	ug/l	93
7) Trichlorofluoromethane	3.00	101	7606	0.902	ug/l	89
8) Diethyl Ether	3.39	74	2834	0.945	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4659	0.979	ug/l	97
12) 1,1-Dichloroethene	3.72	96	4684	1.047	ug/l	97
14) Allyl chloride	4.30	41	9464m	1.048	ug/l	
15) Acrylonitrile	4.97	53	12928	4.663	ug/l #	86
16) Acetone	3.79	43	14511	4.483	ug/l	96
17) Carbon Disulfide	4.03	76	15675	1.093	ug/l	100
18) Methyl Acetate	4.30	43	9593	1.280	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	15454	0.993	ug/l	93
20) Methylene Chloride	4.52	84	5856	1.045	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	4944	1.005	ug/l	97
22) Diisopropyl ether	5.92	45	15239	0.867	ug/l #	57
23) Vinyl Acetate	5.87	43	60886	4.334	ug/l	99
24) 1,1-Dichloroethane	5.82	63	10025	0.984	ug/l #	84
25) 2-Butanone	6.81	43	18726	4.428	ug/l	99
26) 2,2-Dichloropropane	6.79	77	9404	1.071	ug/l	91
27) cis-1,2-Dichloroethene	6.80	96	5393	0.962	ug/l	93
28) Bromochloromethane	7.17	49	3582	1.071	ug/l #	91
29) Tetrahydrofuran	7.19	42	11325	4.367	ug/l #	81
30) Chloroform	7.35	83	10220	1.006	ug/l	93
32) 1,1,1-Trichloroethane	7.54	97	7750	0.908	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	7068	0.951	ug/l	96
37) Ethyl Acetate	6.91	43	7548m	0.931	ug/l	
38) Carbon Tetrachloride	7.75	117	6852	0.897	ug/l	98
39) Methylcyclohexane	9.07	83	7236	0.860	ug/l #	86
40) Benzene	8.02	78	21186	0.967	ug/l	98
41) Methacrylonitrile	7.16	41	3189m	0.868	ug/l	
42) 1,2-Dichloroethane	8.11	62	7366	0.886	ug/l	88
43) Isopropyl Acetate	8.15	43	11161	0.856	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5509	1.030	ug/l	96
45) 1,2-Dichloropropane	9.10	63	5598	0.932	ug/l	97
46) Dibromomethane	9.19	93	3398	0.899	ug/l	92
47) Bromodichloromethane	9.39	83	6874	0.884	ug/l #	97
48) Methyl methacrylate	9.19	41	5262	0.896	ug/l	94
49) 1,4-Dioxane	9.18	88	1568	15.868	ug/l #	77
51) 4-Methyl-2-Pentanone	9.97	43	32419	4.279	ug/l	95
52) Toluene	10.15	92	10977	0.847	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	8277	0.959	ug/l	94
54) cis-1,3-Dichloropropene	9.83	75	7776	0.841	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	5012	0.937	ug/l #	93
56) Ethyl methacrylate	10.42	69	5888	0.746	ug/l #	85
57) 1,3-Dichloropropane	10.70	76	8371	0.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	11969	3.604	ug/l	97
59) 2-Hexanone	10.75	43	22412	3.835	ug/l	96
60) Dibromochloromethane	10.90	129	5239	0.911	ug/l	91
61) 1,2-Dibromoethane	11.00	107	4691	0.859	ug/l	98
64) Tetrachloroethene	10.63	164	4852	1.074	ug/l	89
65) Chlorobenzene	11.43	112	13667	1.040	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	4830	0.975	ug/l #	63
67) Ethyl Benzene	11.51	91	20936	0.910	ug/l	98
68) m/p-Xylenes	11.62	106	14780	1.735	ug/l	93
69) o-Xylene	11.95	106	6997	0.859	ug/l	94
70) Styrene	11.96	104	10381	0.781	ug/l	96
71) Bromoform	12.12	173	3230	0.837	ug/l #	97
73) Isopropylbenzene	12.25	105	18373	1.007	ug/l	99
74) N-amyl acetate	12.07	43	7008	0.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	7190	1.121	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	6063m	1.038	ug/l	
77) Bromobenzene	12.53	156	4983	1.106	ug/l	92
78) n-propylbenzene	12.59	91	21318	0.989	ug/l	95
79) 2-Chlorotoluene	12.68	91	13672	1.035	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	15205	0.995	ug/l	94
82) 4-Chlorotoluene	12.78	91	13973	1.038	ug/l	98
83) tert-Butylbenzene	13.00	119	12617	0.964	ug/l	97
84) 1,2,4-Trimethylbenzene	13.05	105	12939	0.859	ug/l	93
85) sec-Butylbenzene	13.17	105	15930	0.915	ug/l	100
86) p-Isopropyltoluene	13.29	119	14289	0.929	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	8633	1.075	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	8242m	1.025	ug/l	
89) n-Butylbenzene	13.62	91	11463	0.816	ug/l	97
90) Hexachloroethane	13.88	117	3209	1.027	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	8915	1.131	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1771	1.234	ug/l	70
93) 1,2,4-Trichlorobenzene	14.92	180	4033	0.932	ug/l	88
94) Hexachlorobutadiene	15.01	225	2712	1.056	ug/l	88
95) Naphthalene	15.13	128	11026	0.920	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	4556	1.070	ug/l	90

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

