

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\
 Data File : VN059466.D
 Acq On : 3 Dec 2019 13:19
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/4/2019 9:21:55 AM

Quant Time: Dec 03 15:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 14:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	370010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	585643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	506269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204906	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	5287	1.243	ug/l	99
3) Chloromethane	2.04	50	6191	1.164	ug/l	97
4) Vinyl Chloride	2.17	62	3957	0.833	ug/l	99
6) Chloroethane	2.68	64	2571	0.955	ug/l	94
7) Trichlorofluoromethane	2.99	101	4666	0.815	ug/l	100
8) Diethyl Ether	3.39	74	3181	1.276	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4512	1.200	ug/l	97
12) 1,1-Dichloroethene	3.71	96	4734	1.285	ug/l	90
14) Allyl chloride	4.29	41	9554	1.386	ug/l	98
15) Acrylonitrile	4.96	53	12779	5.959	ug/l	97
16) Acetone	3.80	43	20508	9.665	ug/l	96
17) Carbon Disulfide	4.03	76	17120	1.352	ug/l #	94
18) Methyl Acetate	4.30	43	7187	1.248	ug/l #	83
19) Methyl tert-butyl Ether	5.01	73	13840	1.153	ug/l	91
20) Methylene Chloride	4.52	84	7306	1.719	ug/l #	87
21) trans-1,2-Dichloroethene	5.01	96	5143	1.278	ug/l	90
22) Diisopropyl ether	5.92	45	14968	1.164	ug/l #	82
23) Vinyl Acetate	5.87	43	57810	5.543	ug/l	100
24) 1,1-Dichloroethane	5.82	63	8996	1.218	ug/l #	92
25) 2-Butanone	6.82	43	19108	6.531	ug/l	99
26) 2,2-Dichloropropane	6.80	77	7964	1.266	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	5594	1.267	ug/l	97
28) Bromochloromethane	7.17	49	1746	0.694	ug/l #	98
29) Tetrahydrofuran	7.19	42	12293	6.318	ug/l	97
30) Chloroform	7.35	83	8634	1.164	ug/l #	80
32) 1,1,1-Trichloroethane	7.54	97	7355	1.211	ug/l #	50
36) 1,1-Dichloropropene	7.77	75	6802	1.194	ug/l	97
37) Ethyl Acetate	6.91	43	6199	1.009	ug/l #	87
38) Carbon Tetrachloride	7.75	117	6640	1.229	ug/l #	82
39) Methylcyclohexane	9.06	83	7937	1.164	ug/l	93
40) Benzene	8.02	78	20593	1.216	ug/l	99
41) Methacrylonitrile	7.15	41	2554	0.896	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	6961	1.287	ug/l	86
43) Isopropyl Acetate	8.14	43	10374	1.117	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5557	1.289	ug/l	95
45) 1,2-Dichloropropane	9.10	63	5372	1.212	ug/l	98
46) Dibromomethane	9.19	93	3210	1.172	ug/l	96
47) Bromodichloromethane	9.39	83	6259	1.130	ug/l	99
48) Methyl methacrylate	9.19	41	5042	1.221	ug/l	88
49) 1,4-Dioxane	9.19	88	2010	34.308	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	29733	5.479	ug/l	97
52) Toluene	10.15	92	12157	1.200	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	7507	1.178	ug/l #	88
54) cis-1,3-Dichloropropene	9.83	75	7426	1.083	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	4798	1.205	ug/l	96
56) Ethyl methacrylate	10.42	69	5266	0.906	ug/l	87
57) 1,3-Dichloropropane	10.70	76	7882	1.150	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	5655	3.374	ug/l	99
59) 2-Hexanone	10.75	43	23616	5.854	ug/l	95
60) Dibromochloromethane	10.90	129	4451	1.075	ug/l	92
61) 1,2-Dibromoethane	11.00	107	4519	1.108	ug/l	96
64) Tetrachloroethene	10.63	164	4948	1.304	ug/l	90
65) Chlorobenzene	11.43	112	13400	1.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	4598	1.222	ug/l #	63
67) Ethyl Benzene	11.51	91	21809	1.195	ug/l	98
68) m/p-Xylenes	11.62	106	15681	2.296	ug/l	98
69) o-Xylene	11.95	106	7477	1.146	ug/l	96
70) Styrene	11.97	104	10676	1.044	ug/l	93
71) Bromoform	12.12	173	2931	1.018	ug/l #	96
73) Isopropylbenzene	12.25	105	19303	1.256	ug/l	99
74) N-amyl acetate	12.07	43	7970	1.358	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	6632	1.315	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	6837m	1.436	ug/l	
77) Bromobenzene	12.53	156	5270	1.401	ug/l	90
78) n-propylbenzene	12.59	91	22148	1.247	ug/l	98
79) 2-Chlorotoluene	12.67	91	14586	1.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	15501	1.200	ug/l	100
82) 4-Chlorotoluene	12.78	91	14575	1.334	ug/l	100
83) tert-Butylbenzene	12.99	119	13738	1.235	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	15202	1.201	ug/l	99
85) sec-Butylbenzene	13.17	105	18384	1.246	ug/l	99
86) p-Isopropyltoluene	13.29	119	16500	1.238	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	9666	1.451	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	10776m	1.609	ug/l	
89) n-Butylbenzene	13.62	91	16610	1.423	ug/l	99
90) Hexachloroethane	13.88	117	3241	1.269	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	9839	1.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1704	1.487	ug/l	75
93) 1,2,4-Trichlorobenzene	14.91	180	8684	2.161	ug/l	95
94) Hexachlorobutadiene	15.01	225	4798	1.929	ug/l	98
95) Naphthalene	15.13	128	33526	2.928	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	10070	2.355	ug/l	95

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

