

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\
 Data File : VN059473.D
 Acq On : 3 Dec 2019 16:13
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/4/2019 9:22:19 AM

Quant Time: Dec 03 16:35:33 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	315671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	503490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	438976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	171994	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	3767	1.038	ug/l	95
3) Chloromethane	2.04	50	5625	1.239	ug/l	98
4) Vinyl Chloride	2.17	62	3218	0.794	ug/l	92
6) Chloroethane	2.68	64	1977	0.861	ug/l #	84
7) Trichlorofluoromethane	2.99	101	3345	0.685	ug/l	86
8) Diethyl Ether	3.39	74	2368	1.114	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	3535	1.102	ug/l #	89
12) 1,1-Dichloroethene	3.71	96	3326	1.058	ug/l #	90
14) Allyl chloride	4.29	41	7093	1.206	ug/l #	86
15) Acrylonitrile	4.96	53	9615	5.256	ug/l	98
16) Acetone	3.80	43	23848	13.174	ug/l	99
17) Carbon Disulfide	4.02	76	14313	1.325	ug/l	100
18) Methyl Acetate	4.31	43	5748	1.170	ug/l #	68
19) Methyl tert-butyl Ether	5.02	73	10855	1.060	ug/l	96
20) Methylene Chloride	4.53	84	5549	1.531	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	3953	1.151	ug/l	96
22) Diisopropyl ether	5.92	45	11112	1.013	ug/l #	66
23) Vinyl Acetate	5.88	43	43896	4.933	ug/l	98
24) 1,1-Dichloroethane	5.81	63	6688	1.062	ug/l #	93
25) 2-Butanone	6.82	43	16361	6.555	ug/l	97
26) 2,2-Dichloropropane	6.80	77	6144	1.145	ug/l	91
27) cis-1,2-Dichloroethene	6.80	96	4264	1.132	ug/l	93
28) Bromochloromethane	7.17	49	1121	0.522	ug/l #	91
29) Tetrahydrofuran	7.19	42	9716	5.853	ug/l #	75
30) Chloroform	7.35	83	6783	1.071	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	6161	1.189	ug/l #	48
36) 1,1-Dichloropropene	7.78	75	5275	1.077	ug/l	97
37) Ethyl Acetate	6.91	43	6392	1.211	ug/l #	83
38) Carbon Tetrachloride	7.75	117	4971	1.070	ug/l	88
39) Methylcyclohexane	9.07	83	5979	1.020	ug/l	95
40) Benzene	8.02	78	14713	1.011	ug/l	100
41) Methacrylonitrile	7.17	41	2375m	0.969	ug/l	
42) 1,2-Dichloroethane	8.11	62	5092	1.095	ug/l	90
43) Isopropyl Acetate	8.15	43	7611	0.953	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	4309	1.163	ug/l	98
45) 1,2-Dichloropropane	9.10	63	3833	1.006	ug/l	93
46) Dibromomethane	9.19	93	2442	1.037	ug/l	97
47) Bromodichloromethane	9.39	83	4795	1.007	ug/l #	91
48) Methyl methacrylate	9.19	41	3667	1.033	ug/l	91
49) 1,4-Dioxane	9.19	88	1278	25.373	ug/l	90
51) 4-Methyl-2-Pentanone	9.98	43	24246	5.197	ug/l	98
52) Toluene	10.15	92	8813	1.012	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	5961	1.088	ug/l #	73
54) cis-1,3-Dichloropropene	9.83	75	5797	0.984	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	3462	1.012	ug/l	95
56) Ethyl methacrylate	10.42	69	3927	0.786	ug/l #	83
57) 1,3-Dichloropropane	10.70	76	6036	1.024	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	5808	4.031	ug/l	96
59) 2-Hexanone	10.75	43	17638	5.086	ug/l	93
60) Dibromochloromethane	10.90	129	3559	1.000	ug/l	94
61) 1,2-Dibromoethane	11.00	107	3612	1.030	ug/l	96
64) Tetrachloroethene	10.63	164	4122	1.253	ug/l	94
65) Chlorobenzene	11.43	112	10199	1.135	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.50	131	3137	0.962	ug/l #	50
67) Ethyl Benzene	11.51	91	16165	1.022	ug/l	94
68) m/p-Xylenes	11.62	106	11730	1.981	ug/l	94
69) o-Xylene	11.95	106	5593	0.989	ug/l	99
70) Styrene	11.97	104	8542	0.963	ug/l	97
71) Bromoform	12.13	173	2388	0.957	ug/l #	97
73) Isopropylbenzene	12.25	105	14557	1.128	ug/l	98
74) N-amyl acetate	12.08	43	5332	1.082	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	4564	1.078	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	5113m	1.279	ug/l	
77) Bromobenzene	12.53	156	3944	1.249	ug/l	87
78) n-propylbenzene	12.59	91	16936	1.136	ug/l	96
79) 2-Chlorotoluene	12.68	91	10461	1.175	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	11751	1.084	ug/l	97
82) 4-Chlorotoluene	12.78	91	11226	1.224	ug/l	100
83) tert-Butylbenzene	12.99	119	10916	1.169	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	11235	1.057	ug/l	100
85) sec-Butylbenzene	13.17	105	13483	1.089	ug/l	98
86) p-Isopropyltoluene	13.29	119	12235	1.094	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	7017	1.255	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	7454m	1.326	ug/l	
89) n-Butylbenzene	13.62	91	11694	1.194	ug/l	95
90) Hexachloroethane	13.88	117	2521	1.176	ug/l	90
91) 1,2-Dichlorobenzene	13.66	146	6564	1.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1539	1.600	ug/l	63
93) 1,2,4-Trichlorobenzene	14.91	180	4354	1.291	ug/l	96
94) Hexachlorobutadiene	15.01	225	3072	1.471	ug/l	92
95) Naphthalene	15.13	128	16784	1.746	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	5792	1.613	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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