Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
Data File : VN066136.D
Acq On : 5 Mar 2021 15:35
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations APPROVED
MMDadoda
3/8/2021 10:53:40 AM

Quant Time: Mar 06 02:40:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Mar 06 02:33:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.171	128	41012	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.556	114	232829	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.380	117	203653	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.997	65	105394	29.60	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.67%				
60) 4-Bromofluorobenzene	12.373	95	94341	26.75	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.17%				
63) Toluene-d8	10.061	98	286456	31.21	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.03%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.872	85	601	0.30	ug/l		86
3) Chloromethane	2.074	50	2007	0.74	ug/l		96
5) Bromomethane	2.586	94	1751	0.89	ug/l		82
11) Methyl Iodide	3.952	142	1573m	0.50	ug/l		
13) Acrolein	3.618	56	2752m	7.20	ug/l		
14) Acrylonitrile	4.975	53	2276m	2.15	ug/l		
16) Carbon Disulfide	4.052	76	10220	1.71	ug/l		97
19) trans-1,2-Dichloroethene	5.029	96	1944m	0.83	ug/l		
22) cis-1,2-Dichloroethene	6.804	96	1348m	0.48	ug/l		
29) 1,1-Dichloropropene	7.766	75	1651m	0.48	ug/l		
30) 2-Butanone	6.804	43	2391m	1.72	ug/l		
37) Trichloroethene	8.810	130	1496	0.53	ug/l		84
40) Dibromomethane	9.187	93	821m	0.45	ug/l		
42) Vinyl Acetate	5.878	43	7485	1.21	ug/l	#	80
44) Isopropyl Acetate	8.132	43	1350	0.26	ug/l	#	65
46) Methyl methacrylate	9.171	41	639	0.26	ug/l		81
48) t-1,3-Dichloropropene	10.351	75	2144	0.46	ug/l		90
49) cis-1,3-Dichloropropene	9.810	75	1870	0.39	ug/l		94
50) 1,1,2-Trichloroethane	10.537	97	890	0.35	ug/l	#	84
51) Ethyl methacrylate	10.399	69	991	0.26	ug/l	#	86
52) 1,3-Dichloropropane	10.682	76	1459	0.33	ug/l		68
53) Dibromochloromethane	10.875	129	723	0.23	ug/l		77
54) 1,2-Dibromoethane	10.981	107	895m	0.34	ug/l		
55) 2-Chloroethyl vinyl ether	9.663	63	1511	1.12	ug/l	#	81
58) 4-Methyl-2-Pentanone	9.952	43	5185	1.92	ug/l		97
59) 2-Hexanone	10.724	43	4441m	2.37	ug/l		
61) Tetrachloroethene	10.601	164	1726	0.66	ug/l	#	78
62) Toluene	10.129	91	4240	0.40	ug/l		95
64) Chlorobenzene	11.405	112	3777	0.55	ug/l	#	77
66) Ethyl Benzene	11.482	91	5936	0.49	ug/l		96
67) m/p-Xylenes	11.592	106	4837	1.03	ug/l		96
68) o-Xylene	11.923	106	1854	0.40	ug/l		81
69) Styrene	11.939	104	3592	0.48	ug/l		93
70) Isopropylbenzene	12.222	105	6214	0.52	ug/l		94
71) 1,1,2,2-Tetrachloroethane	12.476	83	1944	0.60	ug/l	#	93
72) 1,2,3-Trichloropropane	12.524	75	2532	0.77	ug/l		94
73) Bromobenzene	12.502	156	1899	0.66	ug/l		59
74) n-propylbenzene	12.563	91	9465	0.71	ug/l		96
75) 2-Chlorotoluene	12.650	91	5820	0.69	ug/l		85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3,5-Trimethylbenzene	12.704	105	6767	0.63	ug/l		85
78) 4-Chlorotoluene	12.743	91	6479	0.75	ug/l		100
79) tert-butylbenzene	12.965	119	5462	0.61	ug/l		90
80) 1,2,4-Trimethylbenzene	13.013	105	7678	0.73	ug/l		94
81) sec-Butylbenzene	13.142	105	8834	0.79	ug/l		100
82) p-Isopropyltoluene	13.260	119	9704	0.91	ug/l		97
83) 1,3-Dichlorobenzene	13.260	146	5085	1.02	ug/l		94
84) 1,4-Dichlorobenzene	13.338	146	6073	1.26	ug/l		95
85) n-Butylbenzene	13.585	91	13440	1.61	ug/l		99
87) 1,2-Dichlorobenzene	13.630	146	5193	1.05	ug/l		97
89) 1,2,4-Trichlorobenzene	14.881	180	7165	2.68	ug/l	#	96
90) Hexachlorobutadiene	14.977	225	4023	3.31	ug/l		95
91) Naphthalene	15.100	128	34141	4.37	ug/l		97
92) 1,2,3-Trichlorobenzene	15.280	180	10131	3.72	ug/l		95

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

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