Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071420\
Data File : BN011165.D
Acq On : 14 Jul 2020 18:39
Operator : CG/JU
Sample : L3216-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT3-2020

Manual Integrations APPROVED
mohammad
7/15/2020 10:57:38 AM

Quant Time: Jul 14 19:11:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 15:08:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	1112	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	3885	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2338	0.40	ng		0.00
19) Phenanthrene-d10	16.88	188	5668	0.40	ng		0.00
29) Chrysene-d12	21.10	240	5476	0.40	ng		0.00
36) Perylene-d12	23.24	264	5267	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	1116	0.41	ng		0.00
5) Phenol-d6	6.70	99	1205	0.39	ng		0.00
8) Nitrobenzene-d5	8.65	82	1107	0.32	ng		0.02
11) 2-Methylnaphthalene-d10	11.85	152	2267	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	420	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	3406	0.31	ng		0.00
27) Fluoranthene-d10	18.92	212	6633	0.37	ng		0.00
31) Terphenyl-d14	19.54	244	5428	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	109m	0.069	ng		
3) n-Nitrosodimethylamine	3.55	42	73	0.091	ng	#	72
6) bis(2-Chloroethyl)ether	6.95	93	249	0.088	ng		98
9) Naphthalene	10.30	128	1033	0.089	ng	#	80
10) Hexachlorobutadiene	10.59	225	249	0.087	ng	#	99
12) 2-Methylnaphthalene	11.93	142	688	0.095	ng	#	94
16) Acenaphthylene	13.84	152	960	0.081	ng		100
17) Acenaphthene	14.19	154	685	0.086	ng		98
18) Fluorene	15.19	166	902	0.089	ng		98
20) 4,6-Dinitro-2-methylphenol	15.32	198	69	0.198	ng	#	39
21) 4-Bromophenyl-phenylether	16.09	248	297	0.077	ng		94
22) Hexachlorobenzene	16.19	284	351	0.078	ng		95
23) Atrazine	16.38	200	272	0.101	ng	#	82
24) Pentachlorophenol	16.55	266	226m	0.170	ng		
25) Phenanthrene	16.92	178	1553	0.085	ng		100
26) Anthracene	17.02	178	1275	0.084	ng		99
28) Fluoranthene	18.95	202	1957	0.090	ng		99
30) Pyrene	19.32	202	1923	0.092	ng		99
32) Benzo(a)anthracene	21.09	228	1640	0.092	ng		96
33) Chrysene	21.13	228	1996	0.092	ng		95
34) Bis(2-ethylhexyl)phthalate	21.04	149	1192	0.163	ng		96
35) Indeno(1,2,3-cd)pyrene	25.33	276	1872	0.038	ng	#	96
37) Benzo(b)fluoranthene	22.61	252	1645	0.078	ng	#	66
38) Benzo(k)fluoranthene	22.65	252	1978	0.083	ng	#	67
39) Benzo(a)pyrene	23.15	252	1558	0.082	ng	#	48
40) Dibenzo(a,h)anthracene	25.35	278	1405	0.070	ng	#	55
41) Benzo(g,h,i)perylene	25.96	276	958	0.043	ng	#	85

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

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