Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013183.D
Acq On : 17 Dec 2020 13:21
Operator : CG/JU
Sample : L5033-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-48MS

Quant Time: Dec 17 14:05:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.338	152	733	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	2399	0.40	ng		#-0.01
13) Acenaphthene-d10	14.004	164	1397	0.40	ng		0.00
19) Phenanthrene-d10	16.776	188	3096	0.40	ng		# 0.00
29) Chrysene-d12	21.006	240	3490	0.40	ng		# 0.00
36) Perylene-d12	23.096	264	4241	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	689	0.23	ng		0.00
5) Phenol-d6	6.541	99	752	0.25	ng		0.00
8) Nitrobenzene-d5	8.503	82	726	0.29	ng		-0.01
11) 2-Methylnaphthalene-d10	11.715	152	1256	0.30	ng		-0.01
14) 2,4,6-Tribromophenol	15.526	330	167	0.19	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	1787	0.31	ng		-0.01
27) Fluoranthene-d10	18.821	212	2903	0.28	ng		0.00
31) Terphenyl-d14	19.442	244	2490	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	462	0.36	ng	#	85
3) n-Nitrosodimethylamine	3.263	42	901	0.42	ng	#	84
6) bis(2-Chloroethyl)ether	6.790	93	741	0.39	ng		97
9) Naphthalene	10.150	128	2724	0.37	ng		96
10) Hexachlorobutadiene	10.429	225	577	0.37	ng	#	99
12) 2-Methylnaphthalene	11.786	142	1796	0.36	ng		93
16) Acenaphthylene	13.725	152	2654	0.36	ng		99
17) Acenaphthene	14.067	154	1674	0.36	ng		90
18) Fluorene	15.069	166	2243	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.234	198	135	0.34	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	142	0.23	ng	#	81
22) Hexachlorobenzene	16.082	284	733	0.34	ng		93
23) Atrazine	16.264	200	415	0.22	ng	#	87
24) Pentachlorophenol	16.447	266	503	0.56	ng		95
25) Phenanthrene	16.812	178	3576	0.36	ng		99
26) Anthracene	16.909	178	3186	0.36	ng		98
28) Fluoranthene	18.851	202	4516	0.37	ng		99
30) Pyrene	19.223	202	4612	0.34	ng		99
32) Benzo(a)anthracene	20.995	228	4478	0.37	ng		98
33) Chrysene	21.038	228	5118	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	20.931	149	2584	0.15	ng		97
35) Indeno(1,2,3-cd)pyrene	25.139	276	8173	0.45	ng		96
37) Benzo(b)fluoranthene	22.483	252	5859	0.39	ng	#	91
38) Benzo(k)fluoranthene	22.524	252	6575	0.38	ng	#	91
39) Benzo(a)pyrene	23.010	252	5556	0.37	ng	#	88
40) Dibenzo(a,h)anthracene	25.149	278	6718	0.42	ng	#	87
41) Benzo(g,h,i)perylene	25.762	276	7508	0.44	ng	#	95

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

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