Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016382.D
Acq On : 21 Sep 2021 18:31
Operator : CG/JU
Sample : PB139259BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139259BS

Quant Time: Sep 22 04:33:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	21722	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	90287	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	47021	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	95239	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	80464	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	72930	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	18145	0.333	ng	0.00
5) Phenol-d6	6.849	99	21271	0.322	ng	0.00
8) Nitrobenzene-d5	8.810	82	22320	0.416	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	53249	0.374	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4657	0.337	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	76579	0.416	ng	0.00
27) Fluoranthene-d10	19.093	212	101583	0.368	ng	0.00
31) Terphenyl-d14	19.703	244	84910	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3996	0.442	ng	# 82
3) n-Nitrosodimethylamine	3.631	42	8972	0.434	ng	# 67
6) bis(2-Chloroethyl)ether	7.117	93	23850	0.405	ng	93
9) Naphthalene	10.495	128	94721	0.389	ng	100
10) Hexachlorobutadiene	10.787	225	18847	0.408	ng	# 99
12) 2-Methylnaphthalene	12.109	142	61551	0.382	ng	97
16) Acenaphthylene	14.015	152	72141	0.330	ng	100
17) Acenaphthene	14.357	154	53686	0.396	ng	98
18) Fluorene	15.347	166	65344	0.388	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	2882	0.692	ng	# 67
21) 4-Bromophenyl-phenylether	16.251	248	22508	0.404	ng	# 92
22) Hexachlorobenzene	16.360	284	21453	0.408	ng	# 90
23) Atrazine	16.531	200	17360	0.340	ng	97
24) Pentachlorophenol	16.701	266	6882	0.388	ng	98
25) Phenanthrene	17.090	178	109056	0.405	ng	99
26) Anthracene	17.188	178	92667	0.356	ng	99
28) Fluoranthene	19.122	202	118975	0.384	ng	99
30) Pyrene	19.485	202	115605	0.454	ng	99
32) Benzo(a)anthracene	21.238	228	102295	0.396	ng	99
33) Chrysene	21.291	228	104164	0.416	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	41361	0.297	ng	97
36) Indeno(1,2,3-cd)pyrene	25.815	276	96085	0.408	ng	100
37) Benzo(b)fluoranthene	22.837	252	94833	0.409	ng	99
38) Benzo(k)fluoranthene	22.882	252	99752	0.448	ng	# 97
39) Benzo(a)pyrene	23.419	252	81521	0.389	ng	98
40) Dibenzo(a,h)anthracene	25.836	278	83312	0.417	ng	96
41) Benzo(g,h,i)perylene	26.514	276	81572	0.410	ng	95

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

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