Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
Data File : BN015382.D
Acq On : 07 Jul 2021 20:15
Operator : CG/JU
Sample : PB137445BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB137445BSD

Quant Time: Jul 08 01:23:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 11:11:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	17816	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	79694	0.40	ng	# 0.01
13) Acenaphthene-d10	14.332	164	43081	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	80755	0.40	ng	# 0.01
29) Chrysene-d12	21.291	240	75947	0.40	ng	0.00
35) Perylene-d12	23.529	264	72356	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	21483	0.47	ng	0.00
5) Phenol-d6	6.895	99	26414	0.46	ng	0.00
8) Nitrobenzene-d5	8.860	82	22596	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	50300	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6899	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	65488	0.37	ng	0.00
27) Fluoranthene-d10	19.122	212	90179	0.38	ng	0.00
31) Terphenyl-d14	19.728	244	67460	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	3745	0.45	ng	# 60
3) n-Nitrosodimethylamine	3.668	42	5922	0.38	ng	# 79
6) bis(2-Chloroethyl)ether	7.153	93	22306	0.40	ng	# 85
9) Naphthalene	10.533	128	88295	0.39	ng	98
10) Hexachlorobutadiene	10.825	225	16733	0.39	ng	# 98
12) 2-Methylnaphthalene	12.154	142	58135	0.40	ng	# 89
16) Acenaphthylene	14.053	152	75482	0.40	ng	98
17) Acenaphthene	14.395	154	50864	0.38	ng	98
18) Fluorene	15.385	166	62472	0.38	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	1768	1.13	ng	# 55
21) 4-Bromophenyl-phenylether	16.287	248	19403	0.38	ng	# 93
22) Hexachlorobenzene	16.397	284	21699	0.37	ng	# 92
23) Atrazine	16.555	200	13879	0.49	ng	94
24) Pentachlorophenol	16.737	266	5575	0.78	ng	99
25) Phenanthrene	17.127	178	99267	0.38	ng	99
26) Anthracene	17.212	178	85363	0.38	ng	99
28) Fluoranthene	19.152	202	109974	0.39	ng	# 97
30) Pyrene	19.519	202	109301	0.38	ng	99
32) Benzo(a)anthracene	21.270	228	103429	0.40	ng	97
33) Chrysene	21.323	228	109304	0.39	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	45516	0.62	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.778	276	107926	0.42	ng	# 88
37) Benzo(b)fluoranthene	22.854	252	110245	0.39	ng	# 95
38) Benzo(k)fluoranthene	22.899	252	110239	0.36	ng	# 94
39) Benzo(a)pyrene	23.429	252	99132	0.38	ng	# 90
40) Dibenzo(a,h)anthracene	25.791	278	87922	0.43	ng	# 91
41) Benzo(g,h,i)perylene	26.465	276	90823	0.40	ng	# 89

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

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