Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016654.D
Acq On : 02 Oct 2021 03:59
Operator : CG/JU
Sample : PB139433BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139433BSD

Quant Time: Oct 02 05:01:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29121	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	128952	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	68100	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	129140	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	121435	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	123812	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	27050	0.36	ng	0.00
5) Phenol-d6	6.821	99	29451	0.36	ng	0.00
8) Nitrobenzene-d5	8.784	82	27645	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	72379	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10183	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	103694	0.38	ng	-0.01
27) Fluoranthene-d10	19.063	212	128332	0.37	ng	0.00
31) Terphenyl-d14	19.678	244	105186	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4801	0.36	ng	# 77
3) n-Nitrosodimethylamine	3.594	42	7939	0.37	ng	99
6) bis(2-Chloroethyl)ether	7.080	93	30748	0.39	ng	100
9) Naphthalene	10.457	128	131542	0.38	ng	100
10) Hexachlorobutadiene	10.749	225	25194	0.38	ng	# 100
12) 2-Methylnaphthalene	12.074	142	86267	0.39	ng	100
16) Acenaphthylene	13.989	152	104122	0.35	ng	100
17) Acenaphthene	14.332	154	75352	0.38	ng	100
18) Fluorene	15.322	166	90448	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	1485	0.23	ng	96
21) 4-Bromophenyl-phenylether	16.226	248	28831	0.36	ng	# 92
22) Hexachlorobenzene	16.324	284	34856	0.38	ng	99
23) Atrazine	16.506	200	17534	0.30	ng	98
24) Pentachlorophenol	16.677	266	9217	0.30	ng	99
25) Phenanthrene	17.066	178	145581	0.37	ng	100
26) Anthracene	17.151	178	116889	0.35	ng	100
28) Fluoranthene	19.092	202	161684	0.39	ng	100
30) Pyrene	19.460	202	158118	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	135895	0.36	ng	98
33) Chrysene	21.270	228	162387	0.43	ng	99
34) Bis(2-ethylhexyl)phtha...	21.163	149	44032	0.30	ng	99
36) Indeno(1,2,3-cd)pyrene	25.757	276	162784	0.37	ng	100
37) Benzo(b)fluoranthene	22.803	252	153645	0.39	ng	100
38) Benzo(k)fluoranthene	22.848	252	154871	0.39	ng	99
39) Benzo(a)pyrene	23.381	252	136836	0.39	ng	100
40) Dibenzo(a,h)anthracene	25.778	278	128226	0.36	ng	99
41) Benzo(g,h,i)perylene	26.452	276	143002	0.37	ng	100

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

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