Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011325\
Data File : BN035917.D
Acq On : 13 Jan 2025 11:56
Operator : RC/JU
Sample : PB166005BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166005BS

Quant Time: Jan 13 12:20:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	934	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1774	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	843	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1498	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	1254	0.400	ng	0.00
35) Perylene-d12	23.680	264	1525	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	879	0.384	ng	0.00
5) Phenol-d6	6.979	99	998	0.351	ng	0.00
8) Nitrobenzene-d5	8.967	82	708	0.504	ng	-0.01
11) 2-Methylnaphthalene-d10	12.208	152	1104	0.465	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	130	0.321	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1759	0.476	ng	0.00
27) Fluoranthene-d10	19.230	212	1654	0.445	ng	0.00
31) Terphenyl-d14	19.829	244	1204	0.482	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	380	0.410	ng	# 76
3) n-Nitrosodimethylamine	3.621	42	779	0.481	ng	# 87
6) bis(2-Chloroethyl)ether	7.247	93	939	0.433	ng	98
9) Naphthalene	10.675	128	2241	0.450	ng	99
10) Hexachlorobutadiene	10.974	225	729	0.451	ng	# 99
12) 2-Methylnaphthalene	12.284	142	1397	0.453	ng	98
16) Acenaphthylene	14.174	152	1888	0.476	ng	98
17) Acenaphthene	14.516	154	1213	0.466	ng	98
18) Fluorene	15.500	166	1230	0.430	ng	98
20) 4,6-Dinitro-2-methylph...	15.573	198	190	0.730	ng	# 81
21) 4-Bromophenyl-phenylether	16.404	248	496	0.483	ng	# 76
22) Hexachlorobenzene	16.516	284	665	0.475	ng	97
23) Atrazine	16.665	200	310	0.450	ng	92
24) Pentachlorophenol	16.851	266	333	0.672	ng	96
25) Phenanthrene	17.236	178	2112	0.483	ng	98
26) Anthracene	17.335	178	1898	0.477	ng	98
28) Fluoranthene	19.258	202	2216	0.435	ng	98
30) Pyrene	19.620	202	2246	0.441	ng	99
32) Benzo(a)anthracene	21.358	228	2107	0.477	ng	98
33) Chrysene	21.412	228	2177	0.471	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	886	0.493	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.031	276	2991	0.497	ng	96
37) Benzo(b)fluoranthene	22.988	252	2323	0.443	ng	97
38) Benzo(k)fluoranthene	23.031	252	2343	0.452	ng	98
39) Benzo(a)pyrene	23.581	252	2198	0.485	ng	97
40) Dibenzo(a,h)anthracene	26.049	278	2383	0.498	ng	96
41) Benzo(g,h,i)perylene	26.744	276	2393	0.447	ng	97

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

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