Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035894.D
Acq On : 06 Jan 2025 13:04
Operator : RC/JU
Sample : PB165947BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165947BSD

Quant Time: Jan 06 13:33:28 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	7.831	152	1330	0.400	ng	0.00
7) Naphthalene-d8	10.621	136	2636	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1250	0.400	ng	0.00
19) Phenanthrene-d10	17.198	188	2246	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1808	0.400	ng	0.00
35) Perylene-d12	23.686	264	2017	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	1227	0.376	ng	0.00
5) Phenol-d6	6.986	99	1462	0.361	ng	0.00
8) Nitrobenzene-d5	8.977	82	943	0.452	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	1604	0.454	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	109	0.182	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	2505	0.457	ng	0.00
27) Fluoranthene-d10	19.234	212	2496	0.448	ng	0.00
31) Terphenyl-d14	19.833	244	1793	0.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	560	0.424	ng	# 62
3) n-Nitrosodimethylamine	3.621	42	1038	0.450	ng	# 96
6) bis(2-Chloroethyl)ether	7.254	93	1434	0.464	ng	98
9) Naphthalene	10.675	128	3186	0.431	ng	99
10) Hexachlorobutadiene	10.974	225	1021	0.425	ng	# 99
12) 2-Methylnaphthalene	12.289	142	1990	0.435	ng	99
16) Acenaphthylene	14.185	152	2703	0.459	ng	99
17) Acenaphthene	14.527	154	1745	0.452	ng	97
18) Fluorene	15.510	166	1786	0.421	ng	95
20) 4,6-Dinitro-2-methylph...	15.572	198	184	0.472	ng	88
21) 4-Bromophenyl-phenylether	16.404	248	686	0.445	ng	# 86
22) Hexachlorobenzene	16.516	284	952	0.453	ng	98
23) Atrazine	16.665	200	444	0.430	ng	# 92
24) Pentachlorophenol	16.851	266	263	0.354	ng	99
25) Phenanthrene	17.248	178	2928	0.447	ng	100
26) Anthracene	17.335	178	2756	0.462	ng	99
28) Fluoranthene	19.262	202	3171	0.415	ng	99
30) Pyrene	19.624	202	3322	0.453	ng	99
32) Benzo(a)anthracene	21.367	228	2890	0.454	ng	100
33) Chrysene	21.420	228	3010	0.452	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1180	0.455	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.043	276	3783	0.476	ng	98
37) Benzo(b)fluoranthene	22.993	252	3069	0.443	ng	96
38) Benzo(k)fluoranthene	23.040	252	3102	0.452	ng	99
39) Benzo(a)pyrene	23.587	252	2808	0.468	ng	99
40) Dibenzo(a,h)anthracene	26.057	278	2913	0.460	ng	98
41) Benzo(g,h,i)perylene	26.753	276	3044	0.430	ng	99

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

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