Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
Data File : BN035911.D
Acq On : 10 Jan 2025 20:44
Operator : RC/JU
Sample : PB166005BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166005BSD

Quant Time: Jan 10 21:48:11 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	848	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1569	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	773	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1389	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1178	0.400	ng	0.00
35) Perylene-d12	23.686	264	1390	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	762	0.366	ng	0.00
5) Phenol-d6	6.979	99	917	0.355	ng	0.00
8) Nitrobenzene-d5	8.967	82	617	0.497	ng	-0.01
11) 2-Methylnaphthalene-d10	12.213	152	1000	0.476	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	118	0.318	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1599	0.471	ng	0.00
27) Fluoranthene-d10	19.230	212	1562	0.453	ng	0.00
31) Terphenyl-d14	19.834	244	1118	0.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	334	0.397	ng	# 71
3) n-Nitrosodimethylamine	3.621	42	722	0.491	ng	# 87
6) bis(2-Chloroethyl)ether	7.247	93	842	0.428	ng	95
9) Naphthalene	10.675	128	1981	0.450	ng	99
10) Hexachlorobutadiene	10.974	225	641	0.448	ng	# 98
12) 2-Methylnaphthalene	12.284	142	1234	0.453	ng	97
16) Acenaphthylene	14.174	152	1702	0.468	ng	99
17) Acenaphthene	14.527	154	1128	0.473	ng	95
18) Fluorene	15.511	166	1121	0.427	ng	98
20) 4,6-Dinitro-2-methylph...	15.573	198	160	0.663	ng	# 81
21) 4-Bromophenyl-phenylether	16.404	248	454	0.477	ng	# 80
22) Hexachlorobenzene	16.516	284	608	0.468	ng	96
23) Atrazine	16.665	200	287	0.449	ng	92
24) Pentachlorophenol	16.851	266	437	0.951	ng	98
25) Phenanthrene	17.236	178	1934	0.477	ng	100
26) Anthracene	17.335	178	1834	0.497	ng	98
28) Fluoranthene	19.262	202	2073	0.439	ng	99
30) Pyrene	19.625	202	2153	0.450	ng	99
32) Benzo(a)anthracene	21.367	228	2012	0.485	ng	100
33) Chrysene	21.421	228	2084	0.480	ng	98
34) Bis(2-ethylhexyl)phtha...	21.313	149	843	0.499	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.034	276	2725	0.497	ng	97
37) Benzo(b)fluoranthene	22.991	252	2162	0.453	ng	95
38) Benzo(k)fluoranthene	23.037	252	2157	0.456	ng	96
39) Benzo(a)pyrene	23.584	252	2039	0.493	ng	97
40) Dibenzo(a,h)anthracene	26.057	278	2157	0.495	ng	95
41) Benzo(g,h,i)perylene	26.750	276	2197	0.451	ng	97

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

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