Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
Data File : BN035910.D
Acq On : 10 Jan 2025 20:08
Operator : RC/JU
Sample : PB166005BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166005BS

Quant Time: Jan 10 21:47:47 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	772	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1445	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	695	0.400	ng	0.00
19) Phenanthrene-d10	17.206	188	1258	0.400	ng	0.00
29) Chrysene-d12	21.384	240	1095	0.400	ng	0.00
35) Perylene-d12	23.686	264	1291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	785	0.414	ng	0.00
5) Phenol-d6	6.979	99	927	0.394	ng	0.00
8) Nitrobenzene-d5	8.967	82	615	0.538	ng	-0.01
11) 2-Methylnaphthalene-d10	12.213	152	992	0.513	ng	0.00
14) 2,4,6-Tribromophenol	15.952	330	123	0.369	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	1565	0.513	ng	0.00
27) Fluoranthene-d10	19.234	212	1584	0.507	ng	0.00
31) Terphenyl-d14	19.833	244	1125	0.516	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	332	0.433	ng	# 76
3) n-Nitrosodimethylamine	3.621	42	712	0.532	ng	# 87
6) bis(2-Chloroethyl)ether	7.247	93	837	0.467	ng	96
9) Naphthalene	10.675	128	1988	0.490	ng	98
10) Hexachlorobutadiene	10.974	225	630	0.478	ng	# 100
12) 2-Methylnaphthalene	12.284	142	1229	0.490	ng	97
16) Acenaphthylene	14.180	152	1734	0.530	ng	98
17) Acenaphthene	14.522	154	1107	0.516	ng	97
18) Fluorene	15.506	166	1109	0.470	ng	99
20) 4,6-Dinitro-2-methylph...	15.568	198	170	0.778	ng	88
21) 4-Bromophenyl-phenylether	16.399	248	447	0.518	ng	94
22) Hexachlorobenzene	16.511	284	596	0.507	ng	94
23) Atrazine	16.660	200	290	0.501	ng	96
24) Pentachlorophenol	16.846	266	433	1.040	ng	96
25) Phenanthrene	17.243	178	1893	0.516	ng	99
26) Anthracene	17.330	178	1777	0.532	ng	98
28) Fluoranthene	19.262	202	2065	0.483	ng	99
30) Pyrene	19.624	202	2158	0.485	ng	99
32) Benzo(a)anthracene	21.366	228	2027	0.525	ng	100
33) Chrysene	21.420	228	2077	0.514	ng	98
34) Bis(2-ethylhexyl)phtha...	21.313	149	820	0.522	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.034	276	2737	0.538	ng	97
37) Benzo(b)fluoranthene	22.990	252	2227	0.502	ng	95
38) Benzo(k)fluoranthene	23.034	252	2203	0.502	ng	98
39) Benzo(a)pyrene	23.584	252	2072	0.540	ng	96
40) Dibenzo(a,h)anthracene	26.054	278	2166	0.535	ng	98
41) Benzo(g,h,i)perylene	26.750	276	2231	0.493	ng	99

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

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