Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036891.D
Acq On : 11 Apr 2025 22:57
Operator : RC/JU
Sample : PB167565BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167565BS

Quant Time: Apr 12 00:00:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	208	0.400	ng	# 0.00
7) Naphthalene-d8	10.426	136	496	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	321	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	731	0.400	ng	# 0.00
29) Chrysene-d12	21.233	240	908	0.400	ng	# 0.00
35) Perylene-d12	23.447	264	1138	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	252	0.515	ng	0.00
5) Phenol-d6	6.817	99	296	0.473	ng	0.00
8) Nitrobenzene-d5	8.792	82	211	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	334m	0.463	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	71	0.459	ng	0.00
15) 2-Fluorobiphenyl	12.909	172	592	0.384	ng	0.00
27) Fluoranthene-d10	19.073	212	950	0.461	ng	0.00
31) Terphenyl-d14	19.677	244	690	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	84	0.348	ng	# 3
3) n-Nitrosodimethylamine	3.465	42	215	0.402	ng	# 89
6) bis(2-Chloroethyl)ether	7.069	93	226	0.368	ng	95
9) Naphthalene	10.468	128	637	0.446	ng	# 83
10) Hexachlorobutadiene	10.767	225	158	0.488	ng	# 91
12) 2-Methylnaphthalene	12.097	142	407	0.443	ng	# 91
16) Acenaphthylene	14.010	152	647	0.434	ng	97
17) Acenaphthene	14.352	154	427	0.440	ng	95
18) Fluorene	15.346	166	595	0.444	ng	95
20) 4,6-Dinitro-2-methylph...	15.432	198	74	0.427	ng	# 62
21) 4-Bromophenyl-phenylether	16.239	248	188	0.429	ng	95
22) Hexachlorobenzene	16.351	284	212	0.409	ng	93
23) Atrazine	16.512	200	221	0.516	ng	# 85
24) Pentachlorophenol	16.698	266	226	0.832	ng	# 84
25) Phenanthrene	17.071	178	1018	0.464	ng	97
26) Anthracene	17.170	178	954	0.488	ng	98
28) Fluoranthene	19.100	202	1343	0.487	ng	99
30) Pyrene	19.463	202	1436	0.418	ng	98
32) Benzo(a)anthracene	21.215	228	1428	0.445	ng	98
33) Chrysene	21.269	228	1672	0.473	ng	98
34) Bis(2-ethylhexyl)phtha...	21.153	149	1144	0.481	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.672	276	2802	0.516	ng	99
37) Benzo(b)fluoranthene	22.781	252	1814	0.449	ng	92
38) Benzo(k)fluoranthene	22.825	252	1937	0.476	ng	# 89
39) Benzo(a)pyrene	23.351	252	1752	0.495	ng	95
40) Dibenzo(a,h)anthracene	25.690	278	2199	0.510	ng	95
41) Benzo(g,h,i)perylene	26.354	276	2329	0.478	ng	96

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

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