Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036327.D
Acq On : 06 Feb 2025 09:51
Operator : RC/JU
Sample : PB166533BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166533BSD

Quant Time: Feb 06 10:19:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2075	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4387	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2054	0.400	ng	0.00
19) Phenanthrene-d10	17.161	188	3795	0.400	ng	# 0.00
29) Chrysene-d12	21.339	240	3518	0.400	ng	0.00
35) Perylene-d12	23.627	264	3845	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	2119	0.393	ng	0.00
5) Phenol-d6	6.951	99	2323	0.367	ng	0.00
8) Nitrobenzene-d5	8.918	82	1886	0.455	ng	-0.01
11) 2-Methylnaphthalene-d10	12.156	152	3410	0.572	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	308	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.040	172	3486	0.380	ng	0.00
27) Fluoranthene-d10	19.187	212	4177	0.425	ng	0.00
31) Terphenyl-d14	19.787	244	3083	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	923	0.398	ng	# 66
3) n-Nitrosodimethylamine	3.586	42	1690	0.402	ng	# 77
6) bis(2-Chloroethyl)ether	7.197	93	2599	0.509	ng	99
9) Naphthalene	10.615	128	5491	0.431	ng	98
10) Hexachlorobutadiene	10.904	225	1495	0.363	ng	# 99
12) 2-Methylnaphthalene	12.227	142	3320	0.420	ng	97
16) Acenaphthylene	14.131	152	4202	0.431	ng	99
17) Acenaphthene	14.473	154	2852	0.428	ng	99
18) Fluorene	15.457	166	3492	0.418	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	160	0.181	ng	# 27
21) 4-Bromophenyl-phenylether	16.354	248	990	0.366	ng	# 92
22) Hexachlorobenzene	16.466	284	1349	0.379	ng	98
23) Atrazine	16.627	200	754	0.386	ng	98
24) Pentachlorophenol	16.813	266	734	0.476	ng	99
25) Phenanthrene	17.198	178	4849	0.425	ng	99
26) Anthracene	17.285	178	4407	0.425	ng	100
28) Fluoranthene	19.220	202	5384	0.402	ng	98
30) Pyrene	19.582	202	5721	0.401	ng	100
32) Benzo(a)anthracene	21.322	228	5371	0.421	ng	98
33) Chrysene	21.375	228	5722	0.439	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	2667	0.381	ng	100
36) Indeno(1,2,3-cd)pyrene	25.943	276	6806	0.441	ng	97
37) Benzo(b)fluoranthene	22.937	252	5738	0.411	ng	# 92
38) Benzo(k)fluoranthene	22.981	252	5888	0.418	ng	# 89
39) Benzo(a)pyrene	23.528	252	5276	0.442	ng	# 88
40) Dibenzo(a,h)anthracene	25.963	278	5223	0.425	ng	93
41) Benzo(g,h,i)perylene	26.656	276	5582	0.416	ng	# 95

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

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