Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036580.D
Acq On : 11 Mar 2025 14:21
Operator : RC/JU
Sample : Q1531-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306MSD

Quant Time: Mar 11 14:54:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	1973	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4547	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	2602	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	5250	0.400	ng		0.00
29) Chrysene-d12	21.295	240	3781	0.400	ng		0.00
35) Perylene-d12	23.551	264	3038	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	676	0.147	ng		0.00
5) Phenol-d6	6.901	99	481	0.085	ng		0.00
8) Nitrobenzene-d5	8.875	82	1440	0.291	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2635	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	478	0.405	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	5009	0.331	ng		0.00
27) Fluoranthene-d10	19.141	212	5833	0.433	ng		0.00
31) Terphenyl-d14	19.740	244	4405	0.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	14905	6.810	ng		98
3) n-Nitrosodimethylamine	3.550	42	807	0.182	ng	#	95
6) bis(2-Chloroethyl)ether	7.146	93	2019	0.344	ng		98
9) Naphthalene	10.562	128	4809	0.360	ng		99
10) Hexachlorobutadiene	10.850	225	988	0.314	ng	#	98
12) 2-Methylnaphthalene	12.177	142	3057	0.359	ng		96
16) Acenaphthylene	14.077	152	5078	0.414	ng		99
17) Acenaphthene	14.420	154	3171	0.395	ng		99
18) Fluorene	15.414	166	4437	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	15.499	198	467	0.493	ng	#	76
21) 4-Bromophenyl-phenylether	16.304	248	1418	0.431	ng		89
22) Hexachlorobenzene	16.416	284	1670	0.421	ng		98
23) Atrazine	16.577	200	1456	0.552	ng		96
24) Pentachlorophenol	16.764	266	1484	0.819	ng		98
25) Phenanthrene	17.148	178	7563	0.480	ng		100
26) Anthracene	17.235	178	6988	0.492	ng		99
28) Fluoranthene	19.169	202	9115	0.515	ng	#	94
30) Pyrene	19.531	202	9415	0.509	ng		100
32) Benzo(a)anthracene	21.277	228	6361	0.484	ng		98
33) Chrysene	21.331	228	7345	0.511	ng		100
34) Bis(2-ethylhexyl)phtha...	21.214	149	5004	0.535	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.835	276	5484	0.500	ng		99
37) Benzo(b)fluoranthene	22.873	252	5544	0.501	ng		99
38) Benzo(k)fluoranthene	22.917	252	5839	0.503	ng		97
39) Benzo(a)pyrene	23.452	252	5088	0.546	ng		96
40) Dibenzo(a,h)anthracene	25.855	278	4317	0.506	ng		98
41) Benzo(g,h,i)perylene	26.531	276	4563	0.467	ng		98

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

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