Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036579.D
Acq On : 11 Mar 2025 13:45
Operator : RC/JU
Sample : Q1531-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306MS

Quant Time: Mar 11 14:07:40 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	1966	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4554	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2666	0.400	ng		-0.01
19) Phenanthrene-d10	17.111	188	5287	0.400	ng		0.00
29) Chrysene-d12	21.295	240	3809	0.400	ng		0.00
35) Perylene-d12	23.554	264	3096	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	678	0.148	ng		0.00
5) Phenol-d6	6.901	99	481	0.085	ng		0.00
8) Nitrobenzene-d5	8.875	82	1420	0.287	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	2639	0.390	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	471	0.389	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	5044	0.325	ng		0.00
27) Fluoranthene-d10	19.141	212	5901	0.435	ng		0.00
31) Terphenyl-d14	19.740	244	4410	0.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	15270	7.002	ng		97
3) n-Nitrosodimethylamine	3.550	42	804	0.182	ng	#	97
6) bis(2-Chloroethyl)ether	7.147	93	2001	0.342	ng		96
9) Naphthalene	10.562	128	4693	0.350	ng		99
10) Hexachlorobutadiene	10.850	225	956	0.303	ng	#	98
12) 2-Methylnaphthalene	12.177	142	3028	0.355	ng		99
16) Acenaphthylene	14.078	152	5093	0.405	ng		100
17) Acenaphthene	14.420	154	3200	0.389	ng		99
18) Fluorene	15.414	166	4423	0.397	ng		98
20) 4,6-Dinitro-2-methylph...	15.499	198	451	0.479	ng	#	77
21) 4-Bromophenyl-phenylether	16.304	248	1454	0.439	ng		90
22) Hexachlorobenzene	16.416	284	1681	0.420	ng		99
23) Atrazine	16.578	200	1449	0.546	ng		95
24) Pentachlorophenol	16.764	266	1496	0.820	ng		100
25) Phenanthrene	17.148	178	7638	0.482	ng		100
26) Anthracene	17.235	178	6937	0.485	ng		100
28) Fluoranthene	19.169	202	9138	0.513	ng	#	93
30) Pyrene	19.531	202	9436	0.507	ng		100
32) Benzo(a)anthracene	21.277	228	6388	0.482	ng		99
33) Chrysene	21.331	228	7409	0.512	ng		100
34) Bis(2-ethylhexyl)phtha...	21.214	149	4963	0.526	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.835	276	5521	0.494	ng		99
37) Benzo(b)fluoranthene	22.873	252	5536	0.491	ng		100
38) Benzo(k)fluoranthene	22.917	252	5823	0.493	ng		98
39) Benzo(a)pyrene	23.452	252	5125	0.540	ng		97
40) Dibenzo(a,h)anthracene	25.846	278	4290	0.493	ng		97
41) Benzo(g,h,i)perylene	26.531	276	4516	0.454	ng		98

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

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