Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012225\
Data File : BN036017.D
Acq On : 22 Jan 2025 15:53
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN012225

Quant Time: Jan 23 00:35:35 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 Jan 23 00:34:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	1865	0.400	ng		0.00
7) Naphthalene-d8	10.601	136	3525	0.400	ng		#-0.01
13) Acenaphthene-d10	14.447	164	1598	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	3132	0.400	ng		0.00
29) Chrysene-d12	21.367	240	2762	0.400	ng		0.00
35) Perylene-d12	23.663	264	2873	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	2015	0.415	ng		0.00
5) Phenol-d6	6.972	99	2353	0.413	ng		0.00
8) Nitrobenzene-d5	8.956	82	1418	0.426	ng		0.00
11) 2-Methylnaphthalene-d10	12.193	152	2064	0.431	ng		0.00
14) 2,4,6-Tribromophenol	15.928	330	401	0.391	ng		0.00
15) 2-Fluorobiphenyl	13.068	172	3089	0.433	ng		0.00
27) Fluoranthene-d10	19.216	212	3474	0.428	ng		0.00
31) Terphenyl-d14	19.815	244	2392	0.417	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	922	0.442	ng		95
3) n-Nitrosodimethylamine	3.614	42	1560	0.413	ng	#	94
6) bis(2-Chloroethyl)ether	7.232	93	2015	0.439	ng		98
9) Naphthalene	10.654	128	4380	0.428	ng		99
10) Hexachlorobutadiene	10.953	225	1424	0.431	ng	#	100
12) 2-Methylnaphthalene	12.269	142	2606	0.410	ng		99
16) Acenaphthylene	14.159	152	3265	0.431	ng		99
17) Acenaphthene	14.511	154	2176	0.419	ng		99
18) Fluorene	15.495	166	2572	0.396	ng		94
20) 4,6-Dinitro-2-methylph...	15.555	198	302	0.414	ng		92
21) 4-Bromophenyl-phenylether	16.387	248	944	0.423	ng		98
22) Hexachlorobenzene	16.499	284	1229	0.418	ng		98
23) Atrazine	16.648	200	667	0.414	ng		99
24) Pentachlorophenol	16.834	266	479	0.377	ng		96
25) Phenanthrene	17.231	178	3969	0.422	ng		100
26) Anthracene	17.318	178	3591	0.420	ng		100
28) Fluoranthene	19.248	202	4697	0.425	ng		100
30) Pyrene	19.610	202	4702	0.420	ng		99
32) Benzo(a)anthracene	21.349	228	4028	0.402	ng		98
33) Chrysene	21.403	228	4317	0.422	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	2187	0.398	ng		98
36) Indeno(1,2,3-cd)pyrene	26.005	276	4726	0.410	ng		98
37) Benzo(b)fluoranthene	22.973	252	4364	0.418	ng		98
38) Benzo(k)fluoranthene	23.017	252	4219	0.401	ng		99
39) Benzo(a)pyrene	23.563	252	3611	0.405	ng		99
40) Dibenzo(a,h)anthracene	26.019	278	3789	0.412	ng		98
41) Benzo(g,h,i)perylene	26.718	276	4102	0.410	ng		99

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

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