Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036413.D
Acq On : 10 Feb 2025 14:48
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Feb 11 00:36:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 00:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2193	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5625	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	3645	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8137	0.400	ng		0.00
29) Chrysene-d12	21.322	240	7773	0.400	ng	#	0.00
35) Perylene-d12	23.592	264	7967	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	8016	1.436	ng		0.00
5) Phenol-d6	6.937	99	9644	1.481	ng		0.00
8) Nitrobenzene-d5	8.907	82	8250	1.574	ng		0.00
11) 2-Methylnaphthalene-d10	12.136	152	13436	1.746	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	2844	1.266	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	22810	1.467	ng		-0.01
27) Fluoranthene-d10	19.169	212	35740	1.707	ng		0.00
31) Terphenyl-d14	19.768	244	25927	1.611	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	3606	1.487	ng		98
3) n-Nitrosodimethylamine	3.572	42	6208	1.425	ng		99
6) bis(2-Chloroethyl)ether	7.175	93	9821	1.813	ng		98
9) Naphthalene	10.594	128	24185	1.505	ng		97
10) Hexachlorobutadiene	10.882	225	5933	1.178	ng	#	100
12) 2-Methylnaphthalene	12.207	142	16325	1.617	ng		99
16) Acenaphthylene	14.110	152	25289	1.499	ng		100
17) Acenaphthene	14.452	154	17130	1.483	ng		97
18) Fluorene	15.435	166	24341	1.638	ng		100
20) 4,6-Dinitro-2-methylph...	15.522	198	2725	1.497	ng	#	47
21) 4-Bromophenyl-phenylether	16.329	248	7690	1.379	ng		91
22) Hexachlorobenzene	16.453	284	9401	1.292	ng		97
23) Atrazine	16.602	200	6316	1.541	ng		95
24) Pentachlorophenol	16.789	266	4352	1.368	ng		99
25) Phenanthrene	17.173	178	37027	1.552	ng		100
26) Anthracene	17.273	178	33031	1.524	ng		99
28) Fluoranthene	19.197	202	45708	1.617	ng		99
30) Pyrene	19.559	202	46256	1.489	ng		100
32) Benzo(a)anthracene	21.304	228	40416	1.463	ng		99
33) Chrysene	21.357	228	43661	1.542	ng		97
34) Bis(2-ethylhexyl)phtha...	21.241	149	23672	1.538	ng		99
36) Indeno(1,2,3-cd)pyrene	25.890	276	46083	1.472	ng		98
37) Benzo(b)fluoranthene	22.908	252	42491	1.502	ng	#	89
38) Benzo(k)fluoranthene	22.952	252	42933	1.489	ng	#	89
39) Benzo(a)pyrene	23.493	252	36490	1.503	ng	#	86
40) Dibenzo(a,h)anthracene	25.905	278	36765	1.478	ng	#	90
41) Benzo(g,h,i)perylene	26.592	276	40441	1.482	ng		98

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

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