Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012225\
Data File : BN036014.D
Acq On : 22 Jan 2025 13:25
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 23 00:28:41 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 00:26:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	1724	0.400	ng		0.00
7) Naphthalene-d8	10.600	136	3282	0.400	ng		#-0.01
13) Acenaphthene-d10	14.441	164	1710	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	3501	0.400	ng		# 0.00
29) Chrysene-d12	21.367	240	2839	0.400	ng		0.00
35) Perylene-d12	23.666	264	3282	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.390	112	7183	1.602	ng		0.00
5) Phenol-d6	6.972	99	8484	1.611	ng		0.00
8) Nitrobenzene-d5	8.956	82	5214	1.683	ng		0.00
11) 2-Methylnaphthalene-d10	12.197	152	7300	1.636	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	1830	1.669	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	12443	1.630	ng		0.00
27) Fluoranthene-d10	19.216	212	13423	1.480	ng		0.00
31) Terphenyl-d14	19.819	244	9765	1.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	3084	1.600	ng		95
3) n-Nitrosodimethylamine	3.614	42	5714	1.635	ng	#	98
6) bis(2-Chloroethyl)ether	7.232	93	6845	1.615	ng		100
9) Naphthalene	10.653	128	15537	1.630	ng		97
10) Hexachlorobutadiene	10.952	225	5090	1.653	ng	#	100
12) 2-Methylnaphthalene	12.268	142	9730	1.645	ng		99
16) Acenaphthylene	14.163	152	13268	1.636	ng		100
17) Acenaphthene	14.505	154	9155	1.649	ng		98
18) Fluorene	15.489	166	11896	1.710	ng		99
20) 4,6-Dinitro-2-methylph...	15.560	198	1416	1.735	ng	#	57
21) 4-Bromophenyl-phenylether	16.379	248	4105	1.646	ng	#	74
22) Hexachlorobenzene	16.503	284	5322	1.621	ng		98
23) Atrazine	16.652	200	3024	1.678	ng	#	88
24) Pentachlorophenol	16.838	266	2504	1.762	ng		99
25) Phenanthrene	17.223	178	17172	1.632	ng		99
26) Anthracene	17.322	178	15798	1.651	ng		99
28) Fluoranthene	19.248	202	18447	1.493	ng		99
30) Pyrene	19.610	202	18695	1.625	ng		99
32) Benzo(a)anthracene	21.358	228	17179	1.668	ng		98
33) Chrysene	21.402	228	17200	1.634	ng		98
34) Bis(2-ethylhexyl)phtha...	21.295	149	8981	1.592	ng		100
36) Indeno(1,2,3-cd)pyrene	26.007	276	21908	1.663	ng		99
37) Benzo(b)fluoranthene	22.973	252	19366	1.623	ng	#	90
38) Benzo(k)fluoranthene	23.020	252	19946	1.659	ng	#	92
39) Benzo(a)pyrene	23.566	252	16597	1.629	ng	#	88
40) Dibenzo(a,h)anthracene	26.025	278	17551	1.672	ng		93
41) Benzo(g,h,i)perylene	26.721	276	18875	1.650	ng		96

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

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