Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012225\
Data File : BN036016.D
Acq On : 22 Jan 2025 14:36
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 23 00:29:25 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	2110	0.400	ng		0.00
7) Naphthalene-d8	10.600	136	3989	0.400	ng		#-0.01
13) Acenaphthene-d10	14.442	164	2132	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	4417	0.400	ng		# 0.00
29) Chrysene-d12	21.367	240	4348	0.400	ng		0.00
35) Perylene-d12	23.666	264	4175	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	26627	4.852	ng		0.00
5) Phenol-d6	6.972	99	31890	4.948	ng		0.00
8) Nitrobenzene-d5	8.956	82	19630	5.213	ng		0.00
11) 2-Methylnaphthalene-d10	12.193	152	27183	5.012	ng		0.00
14) 2,4,6-Tribromophenol	15.933	330	7524	5.503	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	45936	4.827	ng		0.00
27) Fluoranthene-d10	19.216	212	60810	5.315	ng		0.00
31) Terphenyl-d14	19.815	244	44701	4.949	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	10991	4.660	ng		96
3) n-Nitrosodimethylamine	3.607	42	20013	4.679	ng	#	94
6) bis(2-Chloroethyl)ether	7.232	93	25098	4.838	ng		100
9) Naphthalene	10.654	128	56372	4.866	ng		96
10) Hexachlorobutadiene	10.953	225	17582	4.698	ng	#	100
12) 2-Methylnaphthalene	12.269	142	35942	4.999	ng		98
16) Acenaphthylene	14.164	152	51595	5.104	ng		100
17) Acenaphthene	14.506	154	35366	5.109	ng		96
18) Fluorene	15.489	166	45293	5.223	ng		98
20) 4,6-Dinitro-2-methylph...	15.560	198	5963	5.790	ng	#	54
21) 4-Bromophenyl-phenylether	16.380	248	15495	4.925	ng	#	76
22) Hexachlorobenzene	16.504	284	19953	4.816	ng		98
23) Atrazine	16.653	200	11848	5.212	ng	#	87
24) Pentachlorophenol	16.839	266	10589	5.905	ng		98
25) Phenanthrene	17.224	178	67322	5.072	ng		99
26) Anthracene	17.323	178	63551	5.265	ng		100
28) Fluoranthene	19.248	202	84644	5.429	ng		100
30) Pyrene	19.611	202	85587	4.858	ng		99
32) Benzo(a)anthracene	21.349	228	77897	4.939	ng		98
33) Chrysene	21.403	228	79531	4.933	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	41726	4.828	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.011	276	88295	5.270	ng		98
37) Benzo(b)fluoranthene	22.973	252	78788	5.192	ng	#	89
38) Benzo(k)fluoranthene	23.020	252	79510	5.198	ng	#	90
39) Benzo(a)pyrene	23.567	252	67637	5.218	ng	#	86
40) Dibenzo(a,h)anthracene	26.022	278	70778	5.300	ng	#	91
41) Benzo(g,h,i)perylene	26.718	276	74927	5.148	ng		96

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

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