Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010225\
Data File : BN035877.D
Acq On : 02 Jan 2025 15:04
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 02 15:51:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.835	152	1152	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	2131	0.400	ng		0.00
13) Acenaphthene-d10	14.462	164	1092	0.400	ng		0.00
19) Phenanthrene-d10	17.210	188	2104	0.400	ng		0.00
29) Chrysene-d12	21.384	240	1949	0.400	ng		0.00
35) Perylene-d12	23.694	264	2023	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.409	112	13943	4.933	ng		0.00
5) Phenol-d6	6.983	99	16841	4.798	ng		0.00
8) Nitrobenzene-d5	8.981	82	8790	5.209	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	14382	5.041	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	3002	5.726	ng		0.00
15) 2-Fluorobiphenyl	13.093	172	24046	5.018	ng		0.00
27) Fluoranthene-d10	19.238	212	27229	5.214	ng		0.00
31) Terphenyl-d14	19.837	244	19033	4.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	5423	4.740	ng		98
3) n-Nitrosodimethylamine	3.618	42	9967	4.993	ng	#	97
6) bis(2-Chloroethyl)ether	7.250	93	12664	4.736	ng		99
9) Naphthalene	10.679	128	30381	5.079	ng		95
10) Hexachlorobutadiene	10.978	225	9822	5.057	ng	#	99
12) 2-Methylnaphthalene	12.293	142	19239	5.198	ng		98
16) Acenaphthylene	14.184	152	26794	5.210	ng		100
17) Acenaphthene	14.526	154	17619	5.226	ng		96
18) Fluorene	15.509	166	19548	5.269	ng		99
20) 4,6-Dinitro-2-methylph...	15.571	198	1944	5.320	ng	#	66
21) 4-Bromophenyl-phenylether	16.403	248	7340	5.088	ng		97
22) Hexachlorobenzene	16.515	284	9749	4.956	ng		99
23) Atrazine	16.676	200	5084	5.253	ng	#	77
24) Pentachlorophenol	16.850	266	4029	5.786	ng		98
25) Phenanthrene	17.247	178	31568	5.142	ng		99
26) Anthracene	17.334	178	29722	5.320	ng		98
28) Fluoranthene	19.266	202	38787	5.420	ng		99
30) Pyrene	19.628	202	39641	5.009	ng		99
32) Benzo(a)anthracene	21.375	228	35712	5.199	ng		97
33) Chrysene	21.419	228	35830	4.987	ng		99
34) Bis(2-ethylhexyl)phtha...	21.330	149	12924	4.623	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.050	276	44269	5.549	ng		98
37) Benzo(b)fluoranthene	22.998	252	36590	5.265	ng	#	93
38) Benzo(k)fluoranthene	23.045	252	37476	5.447	ng	#	92
39) Benzo(a)pyrene	23.592	252	32476	5.398	ng	#	89
40) Dibenzo(a,h)anthracene	26.071	278	35448	5.585	ng		92
41) Benzo(g,h,i)perylene	26.770	276	38678	5.450	ng		92

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

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