Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037356.D
Acq On : 20 Jun 2025 18:39
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 20 23:27:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:25:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	2011	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4268	0.400	ng	#	0.00
13) Acenaphthene-d10	14.213	164	2836	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	5716	0.400	ng	#	0.00
29) Chrysene-d12	21.162	240	5944	0.400	ng		0.00
35) Perylene-d12	23.351	264	6423	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	3141	0.854	ng		0.00
5) Phenol-d6	6.744	99	3157	0.868	ng		0.00
8) Nitrobenzene-d5	8.717	82	2717	0.767	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	5209	0.754	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	1310	0.646	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	9720	0.781	ng		0.00
27) Fluoranthene-d10	19.003	212	13334	0.749	ng		0.00
31) Terphenyl-d14	19.616	244	9859	0.726	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	1657	0.933	ng		93
3) n-Nitrosodimethylamine	3.415	42	1478	0.715	ng	#	74
6) bis(2-Chloroethyl)ether	7.004	93	2967	0.932	ng		96
9) Naphthalene	10.394	128	8659	0.783	ng	#	87
10) Hexachlorobutadiene	10.682	225	3472	0.642	ng	#	99
12) 2-Methylnaphthalene	12.016	142	6007	0.772	ng		93
16) Acenaphthylene	13.935	152	9047	0.760	ng		99
17) Acenaphthene	14.277	154	5960	0.755	ng		100
18) Fluorene	15.272	166	8453	0.756	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	1108	0.641	ng	#	55
21) 4-Bromophenyl-phenylether	16.165	248	3252	0.697	ng	#	89
22) Hexachlorobenzene	16.276	284	3471	0.713	ng		98
23) Atrazine	16.450	200	2516	0.689	ng	#	82
24) Pentachlorophenol	16.624	266	1797	0.673	ng		96
25) Phenanthrene	17.009	178	13016	0.806	ng		99
26) Anthracene	17.096	178	12050	0.799	ng		99
28) Fluoranthene	19.035	202	17056	0.772	ng	#	99
30) Pyrene	19.398	202	17163	0.754	ng		100
32) Benzo(a)anthracene	21.153	228	15193	0.792	ng		97
33) Chrysene	21.198	228	17610	0.724	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	5787	0.736	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.535	276	22625	0.831	ng	#	91
37) Benzo(b)fluoranthene	22.696	252	17878	0.785	ng	#	87
38) Benzo(k)fluoranthene	22.740	252	18833	0.761	ng	#	86
39) Benzo(a)pyrene	23.257	252	16022	0.769	ng	#	84
40) Dibenzo(a,h)anthracene	25.547	278	17405	0.803	ng	#	77
41) Benzo(g,h,i)perylene	26.202	276	20041	0.801	ng		94

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

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