Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037003.D
Acq On : 13 May 2025 20:05
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 14 11:01:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 10:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	2134	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	5654	0.400	ng		#-0.01
13) Acenaphthene-d10	14.267	164	3305	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	6678	0.400	ng		0.00
29) Chrysene-d12	21.207	240	6288	0.400	ng		0.00
35) Perylene-d12	23.418	264	5747	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	9332	1.669	ng		0.00
5) Phenol-d6	6.795	99	11879	1.698	ng		0.00
8) Nitrobenzene-d5	8.760	82	10231	1.662	ng		-0.01
11) 2-Methylnaphthalene-d10	11.996	152	13642	1.714	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	2461	1.695	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	25480	1.684	ng		0.00
27) Fluoranthene-d10	19.054	212	30804	1.682	ng		0.00
31) Terphenyl-d14	19.658	244	22417	1.667	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	4389	1.676	ng		96
3) n-Nitrosodimethylamine	3.451	42	9172	1.630	ng	#	92
6) bis(2-Chloroethyl)ether	7.048	93	10588	1.645	ng		99
9) Naphthalene	10.447	128	27723	1.659	ng		97
10) Hexachlorobutadiene	10.746	225	5780	1.648	ng	#	99
12) 2-Methylnaphthalene	12.072	142	18399	1.712	ng		99
16) Acenaphthylene	13.989	152	27375	1.702	ng		100
17) Acenaphthene	14.331	154	17846	1.698	ng		98
18) Fluorene	15.314	166	23515	1.705	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	2713	1.748	ng	#	73
21) 4-Bromophenyl-phenylether	16.214	248	7008	1.661	ng		94
22) Hexachlorobenzene	16.326	284	7515	1.664	ng		99
23) Atrazine	16.487	200	6336	1.722	ng		92
24) Pentachlorophenol	16.674	266	4256	1.697	ng		98
25) Phenanthrene	17.058	178	36506	1.673	ng		100
26) Anthracene	17.145	178	33908	1.707	ng		99
28) Fluoranthene	19.082	202	44613	1.711	ng		100
30) Pyrene	19.444	202	45015	1.674	ng		100
32) Benzo(a)anthracene	21.198	228	40103	1.694	ng		99
33) Chrysene	21.251	228	41576	1.660	ng		96
34) Bis(2-ethylhexyl)phtha...	21.135	149	23656	1.621	ng		99
36) Indeno(1,2,3-cd)pyrene	25.631	276	38771	1.652	ng		98
37) Benzo(b)fluoranthene	22.757	252	40209	1.688	ng	#	90
38) Benzo(k)fluoranthene	22.798	252	40699	1.729	ng	#	91
39) Benzo(a)pyrene	23.322	252	34149	1.689	ng	#	82
40) Dibenzo(a,h)anthracene	25.643	278	30810	1.685	ng	#	91
41) Benzo(g,h,i)perylene	26.307	276	32256	1.624	ng		97

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

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