Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042825\
Data File : BN036927.D
Acq On : 28 Apr 2025 14:00
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 28 15:13:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:11:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	2241	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	5594	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	3185	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	6118	0.400	ng		0.00
29) Chrysene-d12	21.215	240	4605	0.400	ng		0.00
35) Perylene-d12	23.427	264	3734	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	9327	1.613	ng		0.00
5) Phenol-d6	6.802	99	11600	1.647	ng		0.00
8) Nitrobenzene-d5	8.781	82	9972	1.716	ng		0.00
11) 2-Methylnaphthalene-d10	12.006	152	13343	1.720	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	2388	1.711	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	25773	1.673	ng		0.00
27) Fluoranthene-d10	19.059	212	26603	1.699	ng		0.00
31) Terphenyl-d14	19.667	244	18514	1.689	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	4813	1.701	ng		96
3) n-Nitrosodimethylamine	3.458	42	9269	1.696	ng	#	98
6) bis(2-Chloroethyl)ether	7.062	93	11118	1.699	ng		99
9) Naphthalene	10.458	128	27421	1.684	ng		98
10) Hexachlorobutadiene	10.756	225	5873	1.655	ng	#	98
12) 2-Methylnaphthalene	12.082	142	17991	1.727	ng		99
16) Acenaphthylene	13.988	152	26335	1.708	ng		100
17) Acenaphthene	14.341	154	16981	1.665	ng		99
18) Fluorene	15.325	166	22781	1.715	ng		98
20) 4,6-Dinitro-2-methylph...	15.410	198	2759	1.800	ng	#	58
21) 4-Bromophenyl-phenylether	16.226	248	6907	1.695	ng		95
22) Hexachlorobenzene	16.338	284	7427	1.650	ng		99
23) Atrazine	16.500	200	5555	1.729	ng		93
24) Pentachlorophenol	16.673	266	3995	1.710	ng		98
25) Phenanthrene	17.058	178	33948	1.687	ng		99
26) Anthracene	17.157	178	31205	1.734	ng		100
28) Fluoranthene	19.091	202	38607	1.732	ng		99
30) Pyrene	19.453	202	38176	1.706	ng		100
32) Benzo(a)anthracene	21.197	228	29164	1.737	ng		98
33) Chrysene	21.251	228	31322	1.703	ng		98
34) Bis(2-ethylhexyl)phtha...	21.144	149	14810	1.544	ng		99
36) Indeno(1,2,3-cd)pyrene	25.643	276	25695	1.681	ng		99
37) Benzo(b)fluoranthene	22.763	252	26826	1.733	ng	#	91
38) Benzo(k)fluoranthene	22.807	252	27065	1.730	ng	#	90
39) Benzo(a)pyrene	23.330	252	21844	1.712	ng	#	85
40) Dibenzo(a,h)anthracene	25.658	278	20274	1.685	ng	#	92
41) Benzo(g,h,i)perylene	26.324	276	22323	1.659	ng		97

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

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