Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037354.D
Acq On : 20 Jun 2025 17:27
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 20 23:26:34 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	1865	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	3983	0.400	ng		# 0.01
13) Acenaphthene-d10	14.213	164	2790	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	5628	0.400	ng		0.00
29) Chrysene-d12	21.171	240	4640	0.400	ng		0.00
35) Perylene-d12	23.354	264	4914	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	763	0.224	ng		0.00
5) Phenol-d6	6.752	99	714	0.212	ng		0.00
8) Nitrobenzene-d5	8.728	82	582	0.176	ng		0.01
11) 2-Methylnaphthalene-d10	11.950	152	1271	0.197	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	315	0.158	ng		0.01
15) 2-Fluorobiphenyl	12.843	172	2337	0.191	ng		0.00
27) Fluoranthene-d10	19.008	212	3010	0.172	ng		0.00
31) Terphenyl-d14	19.621	244	2114	0.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	472	0.287	ng		98
3) n-Nitrosodimethylamine	3.422	42	366	0.191	ng	#	79
6) bis(2-Chloroethyl)ether	7.012	93	509	0.172	ng		95
9) Naphthalene	10.394	128	2104	0.204	ng		94
10) Hexachlorobutadiene	10.682	225	864	0.171	ng	#	99
12) 2-Methylnaphthalene	12.026	142	1379	0.190	ng		93
16) Acenaphthylene	13.935	152	2282	0.195	ng		97
17) Acenaphthene	14.277	154	1492	0.192	ng		99
18) Fluorene	15.282	166	2051	0.186	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	196	0.115	ng	#	68
21) 4-Bromophenyl-phenylether	16.177	248	750	0.163	ng		96
22) Hexachlorobenzene	16.276	284	898	0.187	ng		98
23) Atrazine	16.450	200	604	0.168	ng		96
24) Pentachlorophenol	16.636	266	369	0.140	ng		97
25) Phenanthrene	17.009	178	3024	0.190	ng		98
26) Anthracene	17.108	178	2769	0.186	ng		97
28) Fluoranthene	19.040	202	3780	0.174	ng	#	98
30) Pyrene	19.402	202	3921	0.221	ng		99
32) Benzo(a)anthracene	21.153	228	2710	0.181	ng		98
33) Chrysene	21.206	228	3959	0.208	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1406	0.229	ng		98
36) Indeno(1,2,3-cd)pyrene	25.547	276	4213	0.202	ng	#	95
37) Benzo(b)fluoranthene	22.702	252	3390	0.195	ng	#	90
38) Benzo(k)fluoranthene	22.746	252	3913	0.207	ng	#	90
39) Benzo(a)pyrene	23.260	252	3070	0.193	ng	#	79
40) Dibenzo(a,h)anthracene	25.564	278	2911	0.175	ng	#	93
41) Benzo(g,h,i)perylene	26.207	276	3819	0.200	ng	#	96

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

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