Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036895.D
Acq On : 12 Apr 2025 01:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 12 01:46:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	234	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	605	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	387	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	863	0.400	ng	0.00
29) Chrysene-d12	21.224	240	999	0.400	ng	# 0.00
35) Perylene-d12	23.445	264	1276	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	236	0.429	ng	0.00
5) Phenol-d6	6.817	99	276	0.392	ng	0.00
8) Nitrobenzene-d5	8.792	82	250	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.026	152	384	0.437	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	82	0.439	ng	0.00
15) 2-Fluorobiphenyl	12.909	172	757	0.407	ng	0.00
27) Fluoranthene-d10	19.073	212	1065	0.438	ng	0.00
31) Terphenyl-d14	19.677	244	764	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	120m	0.442	ng	
3) n-Nitrosodimethylamine	3.473	42	276	0.459	ng	# 98
6) bis(2-Chloroethyl)ether	7.077	93	251	0.363	ng	98
9) Naphthalene	10.468	128	748	0.430	ng	# 87
10) Hexachlorobutadiene	10.767	225	166	0.420	ng	# 92
12) 2-Methylnaphthalene	12.097	142	461	0.411	ng	96
16) Acenaphthylene	13.999	152	730	0.406	ng	98
17) Acenaphthene	14.352	154	496	0.424	ng	94
18) Fluorene	15.336	166	683	0.423	ng	97
20) 4,6-Dinitro-2-methylph...	15.432	198	79	0.386	ng	# 90
21) 4-Bromophenyl-phenylether	16.239	248	226	0.437	ng	97
22) Hexachlorobenzene	16.351	284	259	0.423	ng	92
23) Atrazine	16.512	200	244	0.483	ng	94
24) Pentachlorophenol	16.686	266	153	0.477	ng	93
25) Phenanthrene	17.071	178	1108	0.428	ng	98
26) Anthracene	17.170	178	976	0.423	ng	97
28) Fluoranthene	19.101	202	1404	0.431	ng	99
30) Pyrene	19.463	202	1497	0.397	ng	99
32) Benzo(a)anthracene	21.215	228	1472	0.417	ng	98
33) Chrysene	21.260	228	1649	0.424	ng	98
34) Bis(2-ethylhexyl)phtha...	21.153	149	1188	0.454	ng	100
36) Indeno(1,2,3-cd)pyrene	25.678	276	2743	0.450	ng	97
37) Benzo(b)fluoranthene	22.781	252	1886	0.417	ng	96
38) Benzo(k)fluoranthene	22.822	252	1982	0.434	ng	94
39) Benzo(a)pyrene	23.345	252	1796	0.453	ng	95
40) Dibenzo(a,h)anthracene	25.693	278	2134	0.441	ng	96
41) Benzo(g,h,i)perylene	26.357	276	2511	0.459	ng	99

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

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