Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
Data File : BN026113.D
Acq On : 30 Jun 2023 04:12
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 30 07:07:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 07:06:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.961	152	7367	0.400	ng		0.00
7) Naphthalene-d8	10.771	136	24981	0.400	ng		0.00
13) Acenaphthene-d10	14.598	164	15541	0.400	ng		0.00
19) Phenanthrene-d10	17.343	188	31254	0.400	ng	#	0.00
29) Chrysene-d12	21.533	240	17277	0.400	ng		0.00
35) Perylene-d12	23.987	264	16318	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.520	112	7754	0.434	ng		0.00
5) Phenol-d6	7.131	99	10503	0.461	ng		0.00
8) Nitrobenzene-d5	9.137	82	8569	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.362	152	15381	0.421	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	2269	0.401	ng		0.00
15) 2-Fluorobiphenyl	13.229	172	24228	0.404	ng		0.00
27) Fluoranthene-d10	19.379	212	27862	0.421	ng		0.00
31) Terphenyl-d14	19.969	244	17932	0.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	3132	0.402	ng		98
3) n-Nitrosodimethylamine	3.708	42	2989	0.379	ng	#	97
6) bis(2-Chloroethyl)ether	7.384	93	7780	0.415	ng		98
9) Naphthalene	10.824	128	27743	0.410	ng		99
10) Hexachlorobutadiene	11.102	225	5294	0.405	ng	#	99
12) 2-Methylnaphthalene	12.438	142	19850	0.417	ng		99
16) Acenaphthylene	14.320	152	30024	0.412	ng		99
17) Acenaphthene	14.662	154	19847	0.422	ng		97
18) Fluorene	15.643	166	25251	0.412	ng		99
20) 4,6-Dinitro-2-methylph...	15.742	198	1299	0.344	ng		93
21) 4-Bromophenyl-phenylether	16.537	248	7294	0.409	ng		96
22) Hexachlorobenzene	16.661	284	7392	0.413	ng		96
23) Atrazine	16.810	200	6252	0.408	ng		94
24) Pentachlorophenol	17.008	266	3275	0.389	ng		96
25) Phenanthrene	17.393	178	37352	0.408	ng		100
26) Anthracene	17.480	178	33914	0.411	ng		99
28) Fluoranthene	19.407	202	39595	0.412	ng		99
30) Pyrene	19.769	202	39998	0.418	ng		100
32) Benzo(a)anthracene	21.515	228	26190	0.421	ng		99
33) Chrysene	21.569	228	29068	0.420	ng		100
34) Bis(2-ethylhexyl)phtha...	21.426	149	30337	0.547	ng		98
36) Indeno(1,2,3-cd)pyrene	26.545	276	27716	0.414	ng		100
37) Benzo(b)fluoranthene	23.235	252	23831	0.403	ng		98
38) Benzo(k)fluoranthene	23.288	252	24384	0.381	ng		99
39) Benzo(a)pyrene	23.876	252	23834	0.410	ng		98
40) Dibenzo(a,h)anthracene	26.560	278	22086	0.421	ng		99
41) Benzo(g,h,i)perylene	27.331	276	24688	0.404	ng		98

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

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