Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031456.D
Acq On : 10 May 2024 08:47
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 10 10:44:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	14289	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	46114	0.400	ng	# 0.00
13) Acenaphthene-d10	14.349	164	27534	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	61999	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	51910	0.400	ng	0.00
35) Perylene-d12	23.516	264	59079	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	14835	0.366	ng	0.00
5) Phenol-d6	6.866	99	19783	0.362	ng	0.00
8) Nitrobenzene-d5	8.852	82	12716	0.384	ng	-0.01
11) 2-Methylnaphthalene-d10	12.089	152	28393	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	3465	0.332	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	42842	0.404	ng	-0.01
27) Fluoranthene-d10	19.119	212	64557	0.375	ng	0.00
31) Terphenyl-d14	19.728	244	48148	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	6786	0.386	ng	# 87
3) n-Nitrosodimethylamine	3.551	42	6968	0.401	ng	# 94
6) bis(2-Chloroethyl)ether	7.141	93	18859	0.396	ng	98
9) Naphthalene	10.539	128	50465	0.394	ng	97
10) Hexachlorobutadiene	10.838	225	8905	0.396	ng	# 100
12) 2-Methylnaphthalene	12.160	142	33874	0.388	ng	99
16) Acenaphthylene	14.060	152	52180	0.377	ng	100
17) Acenaphthene	14.403	154	33715	0.390	ng	99
18) Fluorene	15.397	166	44044	0.390	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1840	0.363	ng	# 62
21) 4-Bromophenyl-phenylether	16.296	248	14300	0.394	ng	# 90
22) Hexachlorobenzene	16.396	284	15041	0.411	ng	99
23) Atrazine	16.557	200	11291	0.343	ng	# 91
24) Pentachlorophenol	16.731	266	4506	0.348	ng	99
25) Phenanthrene	17.128	178	68486	0.395	ng	100
26) Anthracene	17.215	178	64507	0.376	ng	100
28) Fluoranthene	19.151	202	81420	0.386	ng	100
30) Pyrene	19.514	202	85024	0.405	ng	100
32) Benzo(a)anthracene	21.256	228	74609	0.373	ng	100
33) Chrysene	21.310	228	74841	0.392	ng	100
34) Bis(2-ethylhexyl)phtha...	21.220	149	32733	0.279	ng	99
36) Indeno(1,2,3-cd)pyrene	25.791	276	85124	0.362	ng	99
37) Benzo(b)fluoranthene	22.844	252	76915	0.363	ng	98
38) Benzo(k)fluoranthene	22.891	252	78140	0.389	ng	99
39) Benzo(a)pyrene	23.420	252	64147	0.348	ng	98
40) Dibenzo(a,h)anthracene	25.814	278	69617	0.373	ng	99
41) Benzo(g,h,i)perylene	26.481	276	73715	0.367	ng	98

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

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