Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060723\
Data File : BN025769.D
Acq On : 07 Jun 2023 11:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 08 02:56:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7643	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	21661	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	12349	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	23379	0.400	ng	0.00
29) Chrysene-d12	21.569	240	11013	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	10141	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	7408	0.345	ng	0.00
5) Phenol-d6	7.160	99	9237	0.350	ng	0.00
8) Nitrobenzene-d5	9.180	82	7232	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.411	152	13258	0.425	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	1245	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	22132	0.424	ng	0.00
27) Fluoranthene-d10	19.416	212	19314	0.402	ng	0.00
31) Terphenyl-d14	20.006	244	11157	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3589	0.400	ng	# 94
3) n-Nitrosodimethylamine	3.744	42	2652	0.232	ng	97
6) bis(2-Chloroethyl)ether	7.427	93	9492	0.396	ng	95
9) Naphthalene	10.878	128	25514	0.394	ng	100
10) Hexachlorobutadiene	11.156	225	4943	0.496	ng	# 99
12) 2-Methylnaphthalene	12.483	142	17490	0.425	ng	100
16) Acenaphthylene	14.363	152	23634	0.398	ng	99
17) Acenaphthene	14.705	154	16410	0.421	ng	99
18) Fluorene	15.680	166	21120	0.421	ng	99
20) 4,6-Dinitro-2-methylph...	15.780	198	1380	0.327	ng	98
21) 4-Bromophenyl-phenylether	16.574	248	6080	0.449	ng	98
22) Hexachlorobenzene	16.698	284	6014	0.519	ng	91
23) Atrazine	16.835	200	3876	0.351	ng	95
24) Pentachlorophenol	17.058	266	972	0.225	ng	96
25) Phenanthrene	17.430	178	30470	0.424	ng	100
26) Anthracene	17.517	178	25933	0.394	ng	100
28) Fluoranthene	19.444	202	28741	0.406	ng	99
30) Pyrene	19.806	202	28419	0.455	ng	100
32) Benzo(a)anthracene	21.560	228	16373	0.385	ng	98
33) Chrysene	21.614	228	19644	0.436	ng	98
34) Bis(2-ethylhexyl)phtha...	21.471	149	9751	0.385	ng	99
36) Indeno(1,2,3-cd)pyrene	26.671	276	20018	0.456	ng	97
37) Benzo(b)fluoranthene	23.300	252	16555	0.414	ng	97
38) Benzo(k)fluoranthene	23.350	252	17196	0.421	ng	95
39) Benzo(a)pyrene	23.955	252	16503	0.435	ng	96
40) Dibenzo(a,h)anthracene	26.700	278	15628	0.444	ng	97
41) Benzo(g,h,i)perylene	27.469	276	19561	0.497	ng	97

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

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