Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081223\
Data File : BN026889.D
Acq On : 11 Aug 2023 07:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 11 08:20:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:57:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	7781	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	20942	0.400	ng	#	0.00
13) Acenaphthene-d10	14.726	164	14304	0.400	ng		-0.01
19) Phenanthrene-d10	17.480	188	32435	0.400	ng		0.00
29) Chrysene-d12	21.650	240	29242	0.400	ng		0.00
35) Perylene-d12	24.206	264	32087	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.610	112	7616	0.347	ng		0.00
5) Phenol-d6	7.228	99	9418	0.348	ng		0.00
8) Nitrobenzene-d5	9.294	82	6316	0.357	ng		0.00
11) 2-Methylnaphthalene-d10	12.506	152	13087	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	2209	0.290	ng		-0.01
15) 2-Fluorobiphenyl	13.358	172	21186	0.399	ng		-0.01
27) Fluoranthene-d10	19.495	212	32046	0.385	ng		0.00
31) Terphenyl-d14	20.085	244	22749	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	3367	0.402	ng		95
3) n-Nitrosodimethylamine	3.819	42	3519	0.377	ng	#	99
6) bis(2-Chloroethyl)ether	7.532	93	8913	0.391	ng		100
9) Naphthalene	10.981	128	21430	0.389	ng		100
10) Hexachlorobutadiene	11.226	225	4566	0.405	ng	#	100
12) 2-Methylnaphthalene	12.578	142	16816	0.390	ng		100
16) Acenaphthylene	14.459	152	25074	0.367	ng		100
17) Acenaphthene	14.790	154	16597	0.394	ng		99
18) Fluorene	15.767	166	22016	0.389	ng		99
20) 4,6-Dinitro-2-methylph...	16.921	198	199	0.391	ng	#	64
21) 4-Bromophenyl-phenylether	16.661	248	7116	0.384	ng	#	79
22) Hexachlorobenzene	16.748	284	8138	0.411	ng		99
23) Atrazine	16.921	200	5475	0.332	ng	#	92
24) Pentachlorophenol	17.095	266	2910	0.291	ng		100
25) Phenanthrene	17.517	178	36373	0.390	ng		100
26) Anthracene	17.604	178	31616	0.363	ng		100
28) Fluoranthene	19.528	202	42825	0.388	ng		100
30) Pyrene	19.890	202	43904	0.390	ng		100
32) Benzo(a)anthracene	21.641	228	39984	0.379	ng		99
33) Chrysene	21.694	228	41723	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	21179	0.279	ng		99
36) Indeno(1,2,3-cd)pyrene	26.899	276	51429	0.391	ng		99
37) Benzo(b)fluoranthene	23.414	252	43544	0.406	ng		99
38) Benzo(k)fluoranthene	23.466	252	42741	0.387	ng		99
39) Benzo(a)pyrene	24.089	252	42459	0.395	ng		99
40) Dibenzo(a,h)anthracene	26.931	278	40459	0.387	ng		99
41) Benzo(g,h,i)perylene	27.738	276	43514	0.387	ng		99

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

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