Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026788.D
Acq On : 02 Aug 2023 08:27
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 03 00:43:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	13371	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	39599	0.400	ng		-0.01
13) Acenaphthene-d10	14.737	164	20557	0.400	ng		-0.01
19) Phenanthrene-d10	17.480	188	42764	0.400	ng		#-0.01
29) Chrysene-d12	21.668	240	28826	0.400	ng		0.00
35) Perylene-d12	24.221	264	24558	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	13487	0.398	ng		0.00
5) Phenol-d6	7.235	99	17526	0.400	ng		0.00
8) Nitrobenzene-d5	9.294	82	10643	0.454	ng		-0.01
11) 2-Methylnaphthalene-d10	12.513	152	22372	0.394	ng		-0.01
14) 2,4,6-Tribromophenol	16.226	330	2443	0.349	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	35071	0.418	ng		-0.01
27) Fluoranthene-d10	19.504	212	40827	0.398	ng		0.00
31) Terphenyl-d14	20.099	244	25810	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	6341	0.406	ng		99
3) n-Nitrosodimethylamine	3.819	42	7268	0.417	ng		97
6) bis(2-Chloroethyl)ether	7.539	93	16816	0.425	ng		100
9) Naphthalene	10.991	128	44762	0.411	ng		99
10) Hexachlorobutadiene	11.237	225	8436	0.427	ng	#	99
12) 2-Methylnaphthalene	12.585	142	29481	0.397	ng		99
16) Acenaphthylene	14.469	152	40679	0.400	ng		100
17) Acenaphthene	14.801	154	26015	0.408	ng		99
18) Fluorene	15.779	166	33444	0.403	ng		100
20) 4,6-Dinitro-2-methylph...	16.934	198	290	0.419	ng	#	83
21) 4-Bromophenyl-phenylether	16.673	248	10739	0.415	ng	#	89
22) Hexachlorobenzene	16.748	284	12635	0.428	ng		99
23) Atrazine	16.934	200	6358	0.372	ng		95
24) Pentachlorophenol	17.108	266	3053	0.402	ng		99
25) Phenanthrene	17.530	178	53783	0.414	ng		100
26) Anthracene	17.616	178	45410	0.391	ng		100
28) Fluoranthene	19.537	202	58643	0.406	ng		100
30) Pyrene	19.899	202	57020	0.458	ng		100
32) Benzo(a)anthracene	21.650	228	40104	0.405	ng		100
33) Chrysene	21.703	228	44963	0.411	ng		100
34) Bis(2-ethylhexyl)phtha...	21.551	149	16238	0.495	ng		100
36) Indeno(1,2,3-cd)pyrene	26.931	276	36953	0.369	ng		99
37) Benzo(b)fluoranthene	23.431	252	42202	0.437	ng		98
38) Benzo(k)fluoranthene	23.481	252	40897	0.412	ng		99
39) Benzo(a)pyrene	24.107	252	39951	0.453	ng	#	93
40) Dibenzo(a,h)anthracene	26.963	278	28979	0.372	ng		99
41) Benzo(g,h,i)perylene	27.770	276	30121	0.327	ng		99

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

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