Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027232.D
Acq On : 29 Aug 2023 09:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 30 00:02:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	5175	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13427	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8724	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	20554	0.400	ng		0.00
29) Chrysene-d12	21.623	240	16848	0.400	ng		0.00
35) Perylene-d12	24.153	264	15471	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	5125	0.380	ng		0.00
5) Phenol-d6	7.207	99	6099	0.372	ng		0.00
8) Nitrobenzene-d5	9.262	82	4248	0.434	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	8236	0.418	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1248	0.386	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	13562	0.409	ng		0.00
27) Fluoranthene-d10	19.467	212	20243	0.396	ng		0.00
31) Terphenyl-d14	20.052	244	13547	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2431	0.385	ng		90
3) n-Nitrosodimethylamine	3.805	42	2845	0.425	ng		94
6) bis(2-Chloroethyl)ether	7.495	93	6604	0.416	ng		99
9) Naphthalene	10.938	128	14876	0.406	ng		99
10) Hexachlorobutadiene	11.173	225	2990	0.438	ng	#	99
12) 2-Methylnaphthalene	12.540	142	10946	0.420	ng		99
16) Acenaphthylene	14.427	152	15663	0.394	ng		100
17) Acenaphthene	14.758	154	10684	0.403	ng		98
18) Fluorene	15.742	166	14963	0.423	ng		99
20) 4,6-Dinitro-2-methylph...	16.897	198	136	0.465	ng		77
21) 4-Bromophenyl-phenylether	16.623	248	4429	0.409	ng	#	77
22) Hexachlorobenzene	16.710	284	5255	0.409	ng		100
23) Atrazine	16.897	200	3252	0.401	ng		97
24) Pentachlorophenol	17.070	266	1927	0.390	ng		98
25) Phenanthrene	17.480	178	24630	0.408	ng		100
26) Anthracene	17.579	178	20360	0.397	ng		99
28) Fluoranthene	19.495	202	28031	0.394	ng		100
30) Pyrene	19.862	202	28535	0.426	ng		100
32) Benzo(a)anthracene	21.605	228	22309	0.386	ng		99
33) Chrysene	21.659	228	26270	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	9472	0.340	ng		98
36) Indeno(1,2,3-cd)pyrene	26.826	276	22932	0.365	ng		100
37) Benzo(b)fluoranthene	23.367	252	23898	0.399	ng		99
38) Benzo(k)fluoranthene	23.420	252	23636	0.384	ng		99
39) Benzo(a)pyrene	24.042	252	20879	0.373	ng		99
40) Dibenzo(a,h)anthracene	26.852	278	17901	0.364	ng		99
41) Benzo(g,h,i)perylene	27.659	276	21913	0.384	ng		98

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

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