Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027194.D
Acq On : 27 Aug 2023 18:15
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 28 00:44:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	9369	0.400	ng		-0.01
7) Naphthalene-d8	10.895	136	23402	0.400	ng		#-0.01
13) Acenaphthene-d10	14.705	164	15651	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	34701	0.400	ng		#-0.01
29) Chrysene-d12	21.623	240	26801	0.400	ng		0.00
35) Perylene-d12	24.156	264	23549	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	9012	0.341	ng		-0.01
5) Phenol-d6	7.214	99	11468	0.352	ng		0.00
8) Nitrobenzene-d5	9.262	82	8166	0.413	ng		-0.01
11) 2-Methylnaphthalene-d10	12.472	152	14780	0.397	ng		-0.01
14) 2,4,6-Tribromophenol	16.189	330	2092	0.251	ng		-0.01
15) 2-Fluorobiphenyl	13.326	172	23980	0.413	ng		-0.01
27) Fluoranthene-d10	19.467	212	33051	0.371	ng		0.00
31) Terphenyl-d14	20.053	244	21675	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	4531	0.450	ng		97
3) n-Nitrosodimethylamine	3.812	42	4887	0.435	ng	#	92
6) bis(2-Chloroethyl)ether	7.503	93	11666	0.425	ng		96
9) Naphthalene	10.949	128	25309	0.411	ng		99
10) Hexachlorobutadiene	11.184	225	5391	0.428	ng	#	99
12) 2-Methylnaphthalene	12.547	142	19799	0.411	ng		99
16) Acenaphthylene	14.427	152	29408	0.394	ng		100
17) Acenaphthene	14.758	154	19147	0.415	ng		97
18) Fluorene	15.742	166	25524	0.412	ng		99
20) 4,6-Dinitro-2-methylph...	16.897	198	212	0.390	ng	#	37
21) 4-Bromophenyl-phenylether	16.636	248	7231	0.365	ng	#	93
22) Hexachlorobenzene	16.723	284	8900	0.421	ng		96
23) Atrazine	16.897	200	5244	0.297	ng	#	93
24) Pentachlorophenol	17.083	266	2822	0.264	ng		96
25) Phenanthrene	17.492	178	40981	0.411	ng		100
26) Anthracene	17.579	178	33935	0.365	ng		100
28) Fluoranthene	19.500	202	46462	0.393	ng		99
30) Pyrene	19.867	202	46897	0.455	ng		100
32) Benzo(a)anthracene	21.605	228	35529	0.367	ng		100
33) Chrysene	21.659	228	41731	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.480	149	17069	0.245	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.835	276	32300	0.335	ng		96
37) Benzo(b)fluoranthene	23.364	252	36719	0.466	ng		97
38) Benzo(k)fluoranthene	23.417	252	35997	0.444	ng		97
39) Benzo(a)pyrene	24.039	252	33539	0.425	ng	#	96
40) Dibenzo(a,h)anthracene	26.855	278	25372	0.330	ng		97
41) Benzo(g,h,i)perylene	27.659	276	28952	0.350	ng		96

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

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