Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027156.D
Acq On : 26 Aug 2023 15:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 22:34:35 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	8.080	152	7528	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	17537	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	12327	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	27755	0.400	ng		0.00
29) Chrysene-d12	21.623	240	22510	0.400	ng		# 0.00
35) Perylene-d12	24.165	264	20251	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.596	112	7263	0.342	ng		0.00
5) Phenol-d6	7.214	99	9088	0.347	ng		0.00
8) Nitrobenzene-d5	9.273	82	6519	0.440	ng		0.00
11) 2-Methylnaphthalene-d10	12.479	152	11501	0.413	ng		0.00
14) 2,4,6-Tribromophenol	16.202	330	1672	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	18733	0.409	ng		0.00
27) Fluoranthene-d10	19.472	212	26681	0.375	ng		0.00
31) Terphenyl-d14	20.062	244	17817	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	3598	0.444	ng		96
3) n-Nitrosodimethylamine	3.812	42	3954	0.438	ng		91
6) bis(2-Chloroethyl)ether	7.510	93	9047	0.411	ng		97
9) Naphthalene	10.959	128	18464	0.400	ng		100
10) Hexachlorobutadiene	11.194	225	4337	0.460	ng	#	100
12) 2-Methylnaphthalene	12.551	142	15293	0.424	ng		99
16) Acenaphthylene	14.437	152	22780	0.387	ng		100
17) Acenaphthene	14.769	154	14901	0.410	ng		97
18) Fluorene	15.742	166	19826	0.406	ng		98
20) 4,6-Dinitro-2-methylph...	16.909	198	176	0.404	ng	#	26
21) 4-Bromophenyl-phenylether	16.636	248	5774	0.364	ng	#	79
22) Hexachlorobenzene	16.723	284	7219	0.427	ng		98
23) Atrazine	16.909	200	4362	0.309	ng		97
24) Pentachlorophenol	17.083	266	2206	0.258	ng		97
25) Phenanthrene	17.492	178	32036	0.402	ng		100
26) Anthracene	17.592	178	26562	0.357	ng		100
28) Fluoranthene	19.504	202	36959	0.391	ng		99
30) Pyrene	19.871	202	37437	0.432	ng		100
32) Benzo(a)anthracene	21.614	228	29244	0.360	ng		99
33) Chrysene	21.668	228	34018	0.415	ng		99
34) Bis(2-ethylhexyl)phtha...	21.488	149	14552	0.249	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.846	276	28532	0.344	ng		97
37) Benzo(b)fluoranthene	23.373	252	30760	0.454	ng		96
38) Benzo(k)fluoranthene	23.428	252	31312m	0.449	ng		
39) Benzo(a)pyrene	24.048	252	27308	0.402	ng	#	94
40) Dibenzo(a,h)anthracene	26.870	278	22367	0.339	ng		97
41) Benzo(g,h,i)perylene	27.677	276	26044	0.367	ng		97

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

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