Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027279.D
Acq On : 30 Aug 2023 17:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 04:29:09 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	8.066	152	4645	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	13411	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	7889	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	18217	0.400	ng	0.00
29) Chrysene-d12	21.623	240	14666	0.400	ng	0.00
35) Perylene-d12	24.148	264	13415	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	4281	0.354	ng	0.00
5) Phenol-d6	7.207	99	5263	0.357	ng	0.00
8) Nitrobenzene-d5	9.251	82	3705	0.379	ng	-0.01
11) 2-Methylnaphthalene-d10	12.468	152	7197	0.365	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	973	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11231	0.374	ng	0.00
27) Fluoranthene-d10	19.463	212	16125	0.356	ng	0.00
31) Terphenyl-d14	20.048	244	10457	0.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	2081	0.367	ng	# 89
3) n-Nitrosodimethylamine	3.805	42	2487	0.414	ng	# 90
6) bis(2-Chloroethyl)ether	7.496	93	5449	0.383	ng	98
9) Naphthalene	10.938	128	13890	0.380	ng	99
10) Hexachlorobutadiene	11.173	225	2602	0.381	ng	# 99
12) 2-Methylnaphthalene	12.540	142	9618	0.370	ng	99
16) Acenaphthylene	14.427	152	13109	0.365	ng	100
17) Acenaphthene	14.758	154	9248	0.386	ng	98
18) Fluorene	15.742	166	12348	0.386	ng	99
20) 4,6-Dinitro-2-methylph...	16.897	198	99	0.382	ng	89
21) 4-Bromophenyl-phenylether	16.624	248	3474	0.362	ng	# 75
22) Hexachlorobenzene	16.711	284	4396	0.386	ng	99
23) Atrazine	16.897	200	2426	0.337	ng	99
24) Pentachlorophenol	17.071	266	1366	0.312	ng	99
25) Phenanthrene	17.480	178	20243	0.378	ng	100
26) Anthracene	17.579	178	16183	0.356	ng	100
28) Fluoranthene	19.495	202	22708	0.360	ng	100
30) Pyrene	19.862	202	23043	0.395	ng	100
32) Benzo(a)anthracene	21.605	228	17515	0.348	ng	99
33) Chrysene	21.659	228	21264	0.385	ng	99
34) Bis(2-ethylhexyl)phtha...	21.480	149	7581	0.313	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.826	276	18182	0.334	ng	98
37) Benzo(b)fluoranthene	23.361	252	19367	0.373	ng	99
38) Benzo(k)fluoranthene	23.417	252	20028m	0.375	ng	
39) Benzo(a)pyrene	24.037	252	16763	0.345	ng	98
40) Dibenzo(a,h)anthracene	26.855	278	14182	0.332	ng	98
41) Benzo(g,h,i)perylene	27.656	276	17459	0.353	ng	98

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

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