Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033268.D
Acq On : 06 Aug 2024 11:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 12:55:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.517	152	1054	0.400	ng		0.00
7) Naphthalene-d8	10.298	136	4107	0.400	ng		-0.02
13) Acenaphthene-d10	14.126	164	2853	0.400	ng		0.00
19) Phenanthrene-d10	16.908	188	6664	0.400	ng		-0.01
29) Chrysene-d12	21.125	240	6925	0.400	ng		0.00
35) Perylene-d12	23.294	264	8694	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	1173m	0.449	ng		0.03
5) Phenol-d6	6.983	99	1455m	0.406	ng		0.00
8) Nitrobenzene-d5	8.888	82	1038	0.314	ng		-0.03
11) 2-Methylnaphthalene-d10	11.920	152	2382	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	436	0.410	ng		-0.01
15) 2-Fluorobiphenyl	12.790	172	3991	0.409	ng		-0.01
27) Fluoranthene-d10	18.950	212	7127	0.382	ng		0.00
31) Terphenyl-d14	19.559	244	4868	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.047	88	689	0.354	ng	#	85
3) n-Nitrosodimethylamine	3.487	42	521	0.405	ng	#	69
6) bis(2-Chloroethyl)ether	7.062	93	2062m	0.682	ng		
9) Naphthalene	10.351	128	4545	0.407	ng		95
10) Hexachlorobutadiene	10.511	225	881	0.425	ng	#	100
12) 2-Methylnaphthalene	11.992	142	2444	0.367	ng		99
16) Acenaphthylene	13.859	152	4511	0.396	ng		99
17) Acenaphthene	14.190	154	3418	0.416	ng		100
18) Fluorene	15.206	166	4574	0.411	ng		97
20) 4,6-Dinitro-2-methylph...	15.555	198	228	0.429	ng		96
21) 4-Bromophenyl-phenylether	16.101	248	1395	0.395	ng		98
22) Hexachlorobenzene	16.188	284	1481	0.401	ng		97
23) Atrazine	16.399	200	1230	0.369	ng		97
24) Pentachlorophenol	16.622	266	442	0.358	ng		95
25) Phenanthrene	16.957	178	6847	0.382	ng		99
26) Anthracene	17.069	178	5314	0.354	ng	#	87
28) Fluoranthene	18.987	202	9148	0.372	ng		100
30) Pyrene	19.354	202	9767	0.404	ng		100
32) Benzo(a)anthracene	21.116	228	7469	0.375	ng		99
33) Chrysene	21.160	228	11373	0.425	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1951	0.407	ng	#	81
36) Indeno(1,2,3-cd)pyrene	25.481	276	14175	0.361	ng		98
37) Benzo(b)fluoranthene	22.645	252	9806	0.372	ng		96
38) Benzo(k)fluoranthene	22.689	252	12818	0.389	ng		95
39) Benzo(a)pyrene	23.218	252	9887	0.373	ng		95
40) Dibenzo(a,h)anthracene	25.478	278	11063	0.356	ng		99
41) Benzo(g,h,i)perylene	26.148	276	13220	0.372	ng		98

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

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