Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
Data File : BN033628.D
Acq On : 26 Aug 2024 18:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 00:49:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.538	152	7281	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	20123	0.400	ng	#	0.00
13) Acenaphthene-d10	14.178	164	10353	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	21426	0.400	ng		0.00
29) Chrysene-d12	21.139	240	18899	0.400	ng	#	0.00
35) Perylene-d12	23.300	264	19323	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.176	112	7302	0.316	ng		0.00
5) Phenol-d6	6.729	99	9119	0.331	ng		0.00
8) Nitrobenzene-d5	8.670	82	6329	0.379	ng		-0.01
11) 2-Methylnaphthalene-d10	11.896	152	10416	0.362	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	1935	0.348	ng		0.00
15) 2-Fluorobiphenyl	12.788	172	15014	0.355	ng		-0.01
27) Fluoranthene-d10	18.966	212	20464	0.397	ng		0.00
31) Terphenyl-d14	19.584	244	13467	0.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.176	88	2878	0.344	ng		98
3) n-Nitrosodimethylamine	3.472	42	3381	0.347	ng	#	99
6) bis(2-Chloroethyl)ether	6.974	93	7705	0.395	ng		100
9) Naphthalene	10.346	128	20012	0.372	ng		100
10) Hexachlorobutadiene	10.645	225	4063	0.379	ng	#	100
12) 2-Methylnaphthalene	11.971	142	12700	0.373	ng		99
16) Acenaphthylene	13.889	152	16747	0.369	ng		100
17) Acenaphthene	14.242	154	11303	0.354	ng		98
18) Fluorene	15.226	166	14492	0.360	ng		99
20) 4,6-Dinitro-2-methylph...	15.311	198	1029	0.308	ng		86
21) 4-Bromophenyl-phenylether	16.135	248	4637	0.356	ng	#	92
22) Hexachlorobenzene	16.234	284	5236	0.364	ng		98
23) Atrazine	16.408	200	3849	0.371	ng		100
24) Pentachlorophenol	16.582	266	2350	0.377	ng		98
25) Phenanthrene	16.967	178	22192	0.372	ng		100
26) Anthracene	17.054	178	20168	0.382	ng		99
28) Fluoranthene	18.998	202	26557	0.403	ng		100
30) Pyrene	19.361	202	27687	0.328	ng		99
32) Benzo(a)anthracene	21.121	228	26126	0.382	ng		99
33) Chrysene	21.175	228	25272	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	19014m	0.440	ng		
36) Indeno(1,2,3-cd)pyrene	25.452	276	25788	0.321	ng		98
37) Benzo(b)fluoranthene	22.657	252	26030	0.361	ng		97
38) Benzo(k)fluoranthene	22.701	252	25908	0.365	ng		97
39) Benzo(a)pyrene	23.206	252	22204	0.372	ng		99
40) Dibenzo(a,h)anthracene	25.466	278	20759	0.324	ng		98
41) Benzo(g,h,i)perylene	26.101	276	21403	0.312	ng		98

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

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