Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033561.D
Acq On : 22 Aug 2024 20:08
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 00:03:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	9066	0.400	ng		-0.01
7) Naphthalene-d8	10.304	136	23083	0.400	ng		-0.01
13) Acenaphthene-d10	14.178	164	10075	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	18631	0.400	ng		-0.01
29) Chrysene-d12	21.139	240	15295	0.400	ng		0.00
35) Perylene-d12	23.309	264	16906	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.176	112	9859	0.342	ng		-0.01
5) Phenol-d6	6.729	99	11931	0.348	ng		-0.01
8) Nitrobenzene-d5	8.681	82	6820	0.356	ng		-0.01
11) 2-Methylnaphthalene-d10	11.903	152	11575	0.351	ng		-0.01
14) 2,4,6-Tribromophenol	15.676	330	1769	0.327	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	16037	0.390	ng		-0.01
27) Fluoranthene-d10	18.970	212	17110	0.382	ng		-0.01
31) Terphenyl-d14	19.588	244	11515	0.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	3737	0.358	ng		96
3) n-Nitrosodimethylamine	3.479	42	3964	0.327	ng	#	99
6) bis(2-Chloroethyl)ether	6.982	93	9145	0.376	ng		99
9) Naphthalene	10.357	128	22407	0.363	ng		100
10) Hexachlorobutadiene	10.656	225	4574	0.372	ng	#	99
12) 2-Methylnaphthalene	11.979	142	13471	0.345	ng		99
16) Acenaphthylene	13.900	152	15817	0.358	ng		100
17) Acenaphthene	14.242	154	10925	0.352	ng		98
18) Fluorene	15.236	166	13213	0.337	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	605	0.208	ng	#	86
21) 4-Bromophenyl-phenylether	16.135	248	4162	0.368	ng		96
22) Hexachlorobenzene	16.247	284	4733	0.379	ng		100
23) Atrazine	16.420	200	3170	0.351	ng	#	90
24) Pentachlorophenol	16.582	266	1875	0.346	ng		97
25) Phenanthrene	16.966	178	19226	0.371	ng		100
26) Anthracene	17.066	178	16537	0.361	ng		100
28) Fluoranthene	19.003	202	21682	0.379	ng		100
30) Pyrene	19.365	202	22579	0.331	ng		100
32) Benzo(a)anthracene	21.121	228	20617	0.373	ng		99
33) Chrysene	21.175	228	20577	0.374	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	12065m	0.345	ng		
36) Indeno(1,2,3-cd)pyrene	25.457	276	26198	0.373	ng		99
37) Benzo(b)fluoranthene	22.662	252	22719	0.360	ng		99
38) Benzo(k)fluoranthene	22.706	252	21953	0.353	ng		99
39) Benzo(a)pyrene	23.212	252	19142	0.366	ng		99
40) Dibenzo(a,h)anthracene	25.472	278	20591	0.367	ng		98
41) Benzo(g,h,i)perylene	26.112	276	22123	0.369	ng		99

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

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