Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035500.D
Acq On : 09 Dec 2024 11:04
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 11:42:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel

12/11/2024
Supervised By :mohammad ahmed

12/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.301	152	2421	0.400	ng		0.00
7) Naphthalene-d8	10.041	136	6510	0.400	ng	#	-0.01
13) Acenaphthene-d10	13.957	164	4763	0.400	ng		-0.01
19) Phenanthrene-d10	16.723	188	10464	0.400	ng	#	-0.01
29) Chrysene-d12	20.965	240	8413	0.400	ng		0.00
35) Perylene-d12	23.062	264	7482	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.953	112	2250	0.371	ng		-0.01
5) Phenol-d6	6.499	99	2759	0.379	ng		-0.01
8) Nitrobenzene-d5	8.429	82	1635m	0.411	ng		-0.01
11) 2-Methylnaphthalene-d10	11.646	152	4091	0.402	ng		-0.01
14) 2,4,6-Tribromophenol	15.475	330	1119	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.564	172	7140	0.397	ng		-0.01
27) Fluoranthene-d10	18.775	212	10317	0.348	ng		0.00
31) Terphenyl-d14	19.407	244	7172	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	993	0.429	ng		95
3) n-Nitrosodimethylamine	3.292	42	748	0.388	ng	#	97
6) bis(2-Chloroethyl)ether	6.744	93	2370	0.387	ng		99
9) Naphthalene	10.095	128	6663	0.388	ng		99
10) Hexachlorobutadiene	10.383	225	1628	0.411	ng	#	100
12) 2-Methylnaphthalene	11.722	142	4907	0.399	ng		98
16) Acenaphthylene	13.668	152	7448	0.372	ng		100
17) Acenaphthene	14.021	154	5275	0.397	ng		97
18) Fluorene	15.015	166	7212	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.122	198	396	0.385	ng	#	80
21) 4-Bromophenyl-phenylether	15.929	248	2560	0.418	ng	#	88
22) Hexachlorobenzene	16.028	284	3179	0.442	ng		99
23) Atrazine	16.227	200	1479	0.339	ng		95
24) Pentachlorophenol	16.388	266	1009	0.323	ng	#	86
25) Phenanthrene	16.760	178	11166	0.388	ng		99
26) Anthracene	16.860	178	9640	0.371	ng		99
28) Fluoranthene	18.808	202	13456	0.347	ng		99
30) Pyrene	19.175	202	13529	0.436	ng		99
32) Benzo(a)anthracene	20.947	228	10376	0.353	ng		99
33) Chrysene	21.001	228	12185	0.402	ng		100
34) Bis(2-ethylhexyl)phtha...	20.920	149	4269	0.367	ng		99
36) Indeno(1,2,3-cd)pyrene	25.102	276	9992	0.342	ng		97
37) Benzo(b)fluoranthene	22.448	252	16488	0.602	ng		98
38) Benzo(k)fluoranthene	22.489	252	11180	0.415	ng		98
39) Benzo(a)pyrene	22.968	252	8364	0.371	ng		96
40) Dibenzo(a,h)anthracene	25.117	278	7212	0.312	ng		98
41) Benzo(g,h,i)perylene	25.713	276	8910	0.369	ng		99

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

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