Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035767.D
Acq On : 21 Dec 2024 06:25
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 22 23:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.264	152	3206	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	8145	0.400	ng		-0.01
13) Acenaphthene-d10	13.924	164	4886	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	9715	0.400	ng	#	0.00
29) Chrysene-d12	20.956	240	7433	0.400	ng		0.00
35) Perylene-d12	23.038	264	7965	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.932	112	3297	0.411	ng		0.00
5) Phenol-d6	6.477	99	3693	0.383	ng		-0.01
8) Nitrobenzene-d5	8.408	82	2476m	0.498	ng		0.00
11) 2-Methylnaphthalene-d10	11.616	152	5046	0.396	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	1119	0.323	ng		0.00
15) 2-Fluorobiphenyl	12.539	172	7790	0.422	ng		0.00
27) Fluoranthene-d10	18.757	212	10354	0.376	ng		0.00
31) Terphenyl-d14	19.393	244	7091	0.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	1387	0.453	ng		98
3) n-Nitrosodimethylamine	3.270	42	1113	0.436	ng	#	90
6) bis(2-Chloroethyl)ether	6.723	93	2944	0.363	ng		96
9) Naphthalene	10.063	128	8922	0.415	ng		100
10) Hexachlorobutadiene	10.351	225	2312	0.467	ng	#	100
12) 2-Methylnaphthalene	11.692	142	5765	0.375	ng		99
16) Acenaphthylene	13.636	152	8019	0.391	ng		100
17) Acenaphthene	13.989	154	5619	0.412	ng		98
18) Fluorene	14.994	166	7210	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.133	198	119	0.125	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2223	0.391	ng	#	80
22) Hexachlorobenzene	16.003	284	3342	0.501	ng		96
23) Atrazine	16.202	200	1623	0.401	ng		95
24) Pentachlorophenol	16.376	266	1081	0.372	ng		87
25) Phenanthrene	16.736	178	10528	0.395	ng		99
26) Anthracene	16.835	178	9194	0.381	ng		100
28) Fluoranthene	18.789	202	12983	0.361	ng		99
30) Pyrene	19.156	202	13270	0.484	ng		99
32) Benzo(a)anthracene	20.938	228	9210	0.354	ng		99
33) Chrysene	20.992	228	12046	0.449	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	4420	0.430	ng		100
36) Indeno(1,2,3-cd)pyrene	25.067	276	12667	0.407	ng		97
37) Benzo(b)fluoranthene	22.427	252	15162	0.520	ng		95
38) Benzo(k)fluoranthene	22.468	252	12772m	0.445	ng		
39) Benzo(a)pyrene	22.950	252	9558	0.398	ng	#	92
40) Dibenzo(a,h)anthracene	25.082	278	9523	0.388	ng		96
41) Benzo(g,h,i)perylene	25.678	276	11469	0.447	ng		99

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

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