Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035811.D
Acq On : 24 Dec 2024 08:59
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:16:14 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	3972	0.400	ng		0.00
7) Naphthalene-d8	9.998	136	9483	0.400	ng		-0.02
13) Acenaphthene-d10	13.924	164	5387	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10855	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	8569	0.400	ng		0.00
35) Perylene-d12	23.029	264	8879	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	3699	0.372	ng		-0.01
5) Phenol-d6	6.470	99	5118	0.428	ng		-0.02
8) Nitrobenzene-d5	8.397	82	2707m	0.467	ng		-0.01
11) 2-Methylnaphthalene-d10	11.610	152	5128	0.346	ng		-0.01
14) 2,4,6-Tribromophenol	15.442	330	1155	0.302	ng		-0.01
15) 2-Fluorobiphenyl	12.533	172	8203	0.403	ng		-0.01
27) Fluoranthene-d10	18.752	212	10340	0.336	ng		0.00
31) Terphenyl-d14	19.384	244	6888	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	1814	0.478	ng		98
3) n-Nitrosodimethylamine	3.270	42	1302	0.412	ng	#	91
6) bis(2-Chloroethyl)ether	6.715	93	3672	0.366	ng		99
9) Naphthalene	10.052	128	9671	0.387	ng		99
10) Hexachlorobutadiene	10.340	225	2548	0.442	ng	#	100
12) 2-Methylnaphthalene	11.686	142	6060	0.338	ng		100
16) Acenaphthylene	13.636	152	8415	0.372	ng		100
17) Acenaphthene	13.978	154	5782	0.385	ng		99
18) Fluorene	14.993	166	7456	0.347	ng		100
20) 4,6-Dinitro-2-methylph...	15.122	198	244	0.229	ng	#	7
21) 4-Bromophenyl-phenylether	15.904	248	2379	0.375	ng	#	93
22) Hexachlorobenzene	16.003	284	3393	0.455	ng		97
23) Atrazine	16.202	200	1640	0.363	ng		96
24) Pentachlorophenol	16.363	266	1040	0.321	ng		87
25) Phenanthrene	16.735	178	10950	0.367	ng		99
26) Anthracene	16.835	178	9488	0.352	ng		100
28) Fluoranthene	18.780	202	13421	0.334	ng		99
30) Pyrene	19.151	202	13577	0.429	ng		100
32) Benzo(a)anthracene	20.929	228	9796	0.327	ng		99
33) Chrysene	20.982	228	13234	0.428	ng		99
34) Bis(2-ethylhexyl)phtha...	20.893	149	4719	0.399	ng		100
36) Indeno(1,2,3-cd)pyrene	25.049	276	12494	0.360	ng		99
37) Benzo(b)fluoranthene	22.418	252	16964	0.522	ng	#	95
38) Benzo(k)fluoranthene	22.459	252	13236m	0.414	ng		
39) Benzo(a)pyrene	22.939	252	10000	0.374	ng	#	91
40) Dibenzo(a,h)anthracene	25.073	278	8960	0.327	ng		94
41) Benzo(g,h,i)perylene	25.658	276	11606	0.405	ng		99

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

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