Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035830.D
Acq On : 24 Dec 2024 20:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 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 23:55:02 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	7.257	152	3866	0.400	ng	-0.01
7) Naphthalene-d8	9.998	136	9955	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	5956	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	11143	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7851	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	7870	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	3514	0.363	ng	-0.01
5) Phenol-d6	6.470	99	6003	0.516	ng	-0.02
8) Nitrobenzene-d5	8.397	82	3063m	0.504	ng	-0.01
11) 2-Methylnaphthalene-d10	11.605	152	5482	0.352	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	1203	0.285	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	9033	0.401	ng	-0.02
27) Fluoranthene-d10	18.752	212	10597m	0.335	ng	0.00
31) Terphenyl-d14	19.384	244	6543	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1895m	0.513	ng	
3) n-Nitrosodimethylamine	3.270	42	1162	0.377	ng	# 83
6) bis(2-Chloroethyl)ether	6.715	93	4053	0.415	ng	99
9) Naphthalene	10.052	128	10855	0.413	ng	99
10) Hexachlorobutadiene	10.340	225	2815	0.465	ng	# 100
12) 2-Methylnaphthalene	11.681	142	6938	0.369	ng	98
16) Acenaphthylene	13.625	152	9384	0.375	ng	100
17) Acenaphthene	13.978	154	6532	0.393	ng	100
18) Fluorene	14.983	166	8318	0.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	301	0.275	ng	# 35
21) 4-Bromophenyl-phenylether	15.904	248	2677	0.411	ng	# 94
22) Hexachlorobenzene	16.003	284	3900	0.510	ng	96
23) Atrazine	16.202	200	1790	0.386	ng	96
24) Pentachlorophenol	16.363	266	1032	0.310	ng	88
25) Phenanthrene	16.735	178	11523	0.376	ng	100
26) Anthracene	16.835	178	9576	0.346	ng	100
28) Fluoranthene	18.780	202	13046	0.316	ng	100
30) Pyrene	19.152	202	13156	0.454	ng	100
32) Benzo(a)anthracene	20.929	228	8776	0.320	ng	100
33) Chrysene	20.983	228	12184	0.430	ng	100
34) Bis(2-ethylhexyl)phtha...	20.902	149	4711	0.434	ng	100
36) Indeno(1,2,3-cd)pyrene	25.052	276	10972	0.357	ng	99
37) Benzo(b)fluoranthene	22.418	252	14430	0.501	ng	# 95
38) Benzo(k)fluoranthene	22.459	252	12555m	0.443	ng	
39) Benzo(a)pyrene	22.942	252	8861	0.374	ng	# 88
40) Dibenzo(a,h)anthracene	25.076	278	7792	0.321	ng	92
41) Benzo(g,h,i)perylene	25.661	276	10218	0.403	ng	99

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

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