Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029186.D
Acq On : 22 Dec 2023 20:29
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 04:16:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:51:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	969	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1952	0.400	ng		0.00
13) Acenaphthene-d10	14.415	164	1114	0.400	ng		-0.01
19) Phenanthrene-d10	17.181	188	1831	0.400	ng		0.00
29) Chrysene-d12	21.394	240	631	0.400	ng		0.00
35) Perylene-d12	23.712	264	750	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	726	0.328	ng		0.00
5) Phenol-d6	6.988	99	781	0.315	ng		0.00
8) Nitrobenzene-d5	8.961	82	727	0.299	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1073	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	272	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1972	0.313	ng		0.00
27) Fluoranthene-d10	19.220	212	1170	0.306	ng		0.00
31) Terphenyl-d14	19.833	244	665	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	289	0.338	ng		95
3) n-Nitrosodimethylamine	3.687	42	162	0.252	ng	#	57
6) bis(2-Chloroethyl)ether	7.241	93	514	0.295	ng		97
9) Naphthalene	10.616	128	1972	0.327	ng		99
10) Hexachlorobutadiene	10.883	225	608	0.328	ng	#	99
12) 2-Methylnaphthalene	12.238	142	1426	0.334	ng		99
16) Acenaphthylene	14.137	152	2402	0.326	ng		100
17) Acenaphthene	14.479	154	1493	0.331	ng		96
18) Fluorene	15.473	166	2141	0.337	ng		100
20) 4,6-Dinitro-2-methylph...	15.580	198	159	0.372	ng		95
21) 4-Bromophenyl-phenylether	16.374	248	546	0.317	ng		93
22) Hexachlorobenzene	16.461	284	706	0.347	ng		93
23) Atrazine	16.672	200	515	0.329	ng		99
24) Pentachlorophenol	16.833	266	343	0.291	ng		98
25) Phenanthrene	17.218	178	2698	0.336	ng		100
26) Anthracene	17.318	178	2538	0.329	ng		96
28) Fluoranthene	19.252	202	2281	0.318	ng	#	98
30) Pyrene	19.615	202	2265	0.381	ng		99
32) Benzo(a)anthracene	21.376	228	1203	0.336	ng		97
33) Chrysene	21.429	228	1233	0.353	ng		95
34) Bis(2-ethylhexyl)phtha...	21.313	149	1801	0.395	ng		98
36) Indeno(1,2,3-cd)pyrene	26.095	276	1714	0.339	ng	#	85
37) Benzo(b)fluoranthene	23.005	252	1309	0.332	ng		97
38) Benzo(k)fluoranthene	23.055	252	1280	0.314	ng		97
39) Benzo(a)pyrene	23.613	252	1224	0.340	ng		98
40) Dibenzo(a,h)anthracene	26.116	278	1335m	0.348	ng		
41) Benzo(g,h,i)perylene	26.814	276	1488m	0.346	ng		

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

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