Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029168.D
Acq On : 22 Dec 2023 02:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 04:02:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	916	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1733	0.400	ng		-0.01
13) Acenaphthene-d10	14.425	164	958	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1524	0.400	ng		0.00
29) Chrysene-d12	21.384	240	720	0.400	ng		0.00
35) Perylene-d12	23.709	264	914	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	800	0.365	ng		-0.01
5) Phenol-d6	6.995	99	862	0.358	ng		0.00
8) Nitrobenzene-d5	8.961	82	812	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1068	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	251	0.300	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1893	0.338	ng		0.00
27) Fluoranthene-d10	19.220	212	1226	0.332	ng		0.00
31) Terphenyl-d14	19.833	244	705	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	379	0.439	ng	#	88
3) n-Nitrosodimethylamine	3.709	42	197	0.333	ng	#	53
6) bis(2-Chloroethyl)ether	7.240	93	608	0.325	ng		97
9) Naphthalene	10.626	128	1981	0.351	ng		99
10) Hexachlorobutadiene	10.893	225	641	0.345	ng	#	97
12) 2-Methylnaphthalene	12.242	142	1389	0.376	ng		96
16) Acenaphthylene	14.148	152	2284	0.338	ng		98
17) Acenaphthene	14.490	154	1448	0.358	ng		94
18) Fluorene	15.484	166	1905	0.349	ng		98
20) 4,6-Dinitro-2-methylph...	15.592	198	136	0.250	ng		95
21) 4-Bromophenyl-phenylether	16.387	248	541	0.343	ng		98
22) Hexachlorobenzene	16.473	284	640	0.349	ng		98
23) Atrazine	16.672	200	480	0.363	ng		97
24) Pentachlorophenol	16.846	266	372	0.342	ng		96
25) Phenanthrene	17.218	178	2382	0.379	ng		99
26) Anthracene	17.317	178	2255	0.371	ng		99
28) Fluoranthene	19.252	202	2255	0.347	ng		99
30) Pyrene	19.615	202	2260	0.398	ng		99
32) Benzo(a)anthracene	21.376	228	1544	0.390	ng		97
33) Chrysene	21.420	228	1484	0.379	ng		94
34) Bis(2-ethylhexyl)phtha...	21.313	149	1700	0.344	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.083	276	2368	0.402	ng	#	74
37) Benzo(b)fluoranthene	23.002	252	1793	0.386	ng		89
38) Benzo(k)fluoranthene	23.052	252	1816m	0.399	ng		
39) Benzo(a)pyrene	23.607	252	1669	0.402	ng		92
40) Dibenzo(a,h)anthracene	26.116	278	1865	0.412	ng	#	92
41) Benzo(g,h,i)perylene	26.814	276	2066	0.414	ng		98

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

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