Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030269.D
Acq On : 05 Mar 2024 13:22
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 05 16:53:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1384	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	3545	0.400	ng		0.00
13) Acenaphthene-d10	14.457	164	1842	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	3764	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3265	0.400	ng		0.00
35) Perylene-d12	23.803	264	3697	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	766	0.211	ng		0.00
5) Phenol-d6	6.980	99	737	0.193	ng		0.00
8) Nitrobenzene-d5	8.982	82	634	0.196	ng		0.01
11) 2-Methylnaphthalene-d10	12.204	152	1038	0.202	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	188	0.198	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	1471	0.192	ng		0.00
27) Fluoranthene-d10	19.262	212	2072	0.201	ng		0.00
31) Terphenyl-d14	19.875	244	1668	0.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	364	0.203	ng	#	88
3) n-Nitrosodimethylamine	3.665	42	397m	0.211	ng		
6) bis(2-Chloroethyl)ether	7.255	93	589	0.194	ng		97
9) Naphthalene	10.658	128	1987	0.201	ng	#	94
10) Hexachlorobutadiene	10.925	225	468	0.207	ng	#	99
12) 2-Methylnaphthalene	12.280	142	1206	0.197	ng		96
16) Acenaphthylene	14.179	152	1672	0.188	ng		99
17) Acenaphthene	14.522	154	1103	0.192	ng		98
18) Fluorene	15.518	166	1382	0.200	ng		97
20) 4,6-Dinitro-2-methylph...	15.617	198	128	0.164	ng	#	64
21) 4-Bromophenyl-phenylether	16.424	248	438	0.190	ng	#	71
22) Hexachlorobenzene	16.511	284	529	0.199	ng		98
23) Atrazine	16.709	200	401	0.197	ng		91
24) Pentachlorophenol	16.870	266	243	0.175	ng		96
25) Phenanthrene	17.255	178	2093	0.194	ng		99
26) Anthracene	17.355	178	1874	0.189	ng		98
28) Fluoranthene	19.294	202	2565	0.196	ng		99
30) Pyrene	19.661	202	2717	0.198	ng		100
32) Benzo(a)anthracene	21.429	228	2172	0.190	ng		97
33) Chrysene	21.483	228	2441	0.197	ng		98
34) Bis(2-ethylhexyl)phtha...	21.375	149	1964	0.215	ng		97
36) Indeno(1,2,3-cd)pyrene	26.227	276	2886	0.186	ng	#	90
37) Benzo(b)fluoranthene	23.084	252	2354	0.182	ng	#	81
38) Benzo(k)fluoranthene	23.133	252	2471	0.188	ng	#	82
39) Benzo(a)pyrene	23.695	252	2057	0.180	ng	#	78
40) Dibenzo(a,h)anthracene	26.259	278	2227	0.183	ng	#	78
41) Benzo(g,h,i)perylene	26.969	276	2664	0.190	ng	#	89

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

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