Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033242.D
Acq On : 05 Aug 2024 19:16
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 23:38:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:33:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.524	152	954	0.400	ng		0.01
7) Naphthalene-d8	10.351	136	3497	0.400	ng		0.03
13) Acenaphthene-d10	14.137	164	2672	0.400	ng		0.01
19) Phenanthrene-d10	16.920	188	5886	0.400	ng		0.00
29) Chrysene-d12	21.133	240	6331	0.400	ng		0.00
35) Perylene-d12	23.294	264	8030	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.343	112	437m	0.184	ng		0.05
5) Phenol-d6	7.069	99	517m	0.160	ng		0.08
8) Nitrobenzene-d5	8.984	82	544m	0.192	ng		0.06
11) 2-Methylnaphthalene-d10	11.973	152	969m	0.185	ng		0.05
14) 2,4,6-Tribromophenol	15.728	330	166	0.167	ng		0.01
15) 2-Fluorobiphenyl	12.832	172	1640	0.179	ng		0.03
27) Fluoranthene-d10	18.955	212	3250	0.197	ng		0.00
31) Terphenyl-d14	19.554	244	2277	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.054	88	384	0.126	ng	#	96
3) n-Nitrosodimethylamine	3.487	42	222	0.191	ng	#	61
6) bis(2-Chloroethyl)ether	7.084	93	490m	0.176	ng		
9) Naphthalene	10.415	128	1907	0.201	ng	#	82
10) Hexachlorobutadiene	10.522	225	367	0.208	ng	#	97
12) 2-Methylnaphthalene	12.041	142	1018m	0.180	ng		
16) Acenaphthylene	13.891	152	1862	0.175	ng		99
17) Acenaphthene	14.211	154	1406	0.183	ng		97
18) Fluorene	15.238	166	1927	0.185	ng		99
20) 4,6-Dinitro-2-methylph...	15.592	198	80	0.309	ng		97
21) 4-Bromophenyl-phenylether	16.126	248	613	0.196	ng		98
22) Hexachlorobenzene	16.212	284	635	0.195	ng		99
23) Atrazine	16.411	200	568	0.193	ng		96
24) Pentachlorophenol	16.647	266	173	0.159	ng		95
25) Phenanthrene	16.970	178	2956	0.187	ng		100
26) Anthracene	17.081	178	2249	0.169	ng	#	87
28) Fluoranthene	18.987	202	4306	0.198	ng		99
30) Pyrene	19.350	202	4627	0.209	ng		99
32) Benzo(a)anthracene	21.125	228	3303	0.181	ng		95
33) Chrysene	21.169	228	5367	0.219	ng		98
34) Bis(2-ethylhexyl)phtha...	21.008	149	1711	0.391	ng	#	83
36) Indeno(1,2,3-cd)pyrene	25.496	276	6847	0.189	ng		96
37) Benzo(b)fluoranthene	22.651	252	4300	0.177	ng	#	85
38) Benzo(k)fluoranthene	22.695	252	5966m	0.194	ng		
39) Benzo(a)pyrene	23.218	252	4630	0.189	ng	#	77
40) Dibenzo(a,h)anthracene	25.493	278	5356	0.187	ng	#	85
41) Benzo(g,h,i)perylene	26.162	276	6344	0.193	ng		95

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

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