Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019156.D
Acq On : 25 Mar 2022 14:31
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 25 17:05:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4506	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12201	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	7177	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	15458	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	11000	0.400	ng	#	0.00
35) Perylene-d12	23.788	264	9235	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	1176	0.116	ng		0.00
5) Phenol-d6	6.995	99	1318	0.124	ng		0.00
8) Nitrobenzene-d5	8.993	82	951	0.108	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	1927	0.095	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	343	0.099	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	3032	0.105	ng		0.00
27) Fluoranthene-d10	19.261	212	4240	0.092	ng		0.00
31) Terphenyl-d14	19.856	244	2615	0.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	693	0.124	ng		91
3) n-Nitrosodimethylamine	3.557	42	843	0.130	ng	#	82
6) bis(2-Chloroethyl)ether	7.255	93	1368	0.109	ng		98
9) Naphthalene	10.690	128	3355	0.097	ng	#	94
10) Hexachlorobutadiene	10.989	225	766	0.090	ng	#	100
12) 2-Methylnaphthalene	12.310	142	2153	0.091	ng		96
16) Acenaphthylene	14.196	152	2861	0.086	ng		100
17) Acenaphthene	14.549	154	2122	0.091	ng		97
18) Fluorene	15.532	166	2889	0.098	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	211	0.111	ng	#	1
21) 4-Bromophenyl-phenylether	16.415	248	968	0.099	ng	#	84
22) Hexachlorobenzene	16.538	284	1113	0.089	ng		95
23) Atrazine	16.682	200	681	0.093	ng		92
24) Pentachlorophenol	16.887	266	469	0.122	ng		97
25) Phenanthrene	17.267	178	4930	0.102	ng		99
26) Anthracene	17.359	178	3815	0.093	ng		99
28) Fluoranthene	19.291	202	5096	0.090	ng		99
30) Pyrene	19.653	202	5320	0.097	ng		99
32) Benzo(a)anthracene	21.404	228	3360	0.099	ng		95
33) Chrysene	21.449	228	4377	0.096	ng		96
36) Indeno(1,2,3-cd)pyrene	26.240	276	3356m	0.101	ng		
37) Benzo(b)fluoranthene	23.068	252	3317	0.098	ng	#	57
38) Benzo(k)fluoranthene	23.115	252	3990m	0.086	ng		
39) Benzo(a)pyrene	23.682	252	2554	0.083	ng	#	23
40) Dibenzo(a,h)anthracene	26.261	278	2433m	0.094	ng		
41) Benzo(g,h,i)perylene	26.986	276	3219	0.098	ng	#	87

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

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