Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
Data File : BN023058.D
Acq On : 05 Dec 2022 14:12
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

Quant Time: Dec 06 03:39:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 03:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	2898	0.400	ng		0.00
7) Naphthalene-d8	10.861	136	8817	0.400	ng		0.00
13) Acenaphthene-d10	14.688	164	5347	0.400	ng		0.00
19) Phenanthrene-d10	17.427	188	12701	0.400	ng		0.00
29) Chrysene-d12	21.616	240	10943	0.400	ng		0.00
35) Perylene-d12	24.097	264	9481	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.579	112	1410	0.187	ng		0.00
5) Phenol-d6	7.197	99	1794	0.187	ng		0.00
8) Nitrobenzene-d5	9.206	82	1329	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.450	152	2817	0.147	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	402	0.156	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	4849	0.198	ng		0.00
27) Fluoranthene-d10	19.460	212	6867	0.199	ng		0.00
31) Terphenyl-d14	20.049	244	4461	0.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.427	88	779	0.212	ng		97
3) n-Nitrosodimethylamine	3.759	42	808	0.204	ng	#	97
6) bis(2-Chloroethyl)ether	7.464	93	1968	0.218	ng		98
9) Naphthalene	10.915	128	5366	0.198	ng		98
10) Hexachlorobutadiene	11.203	225	1026	0.184	ng	#	99
12) 2-Methylnaphthalene	12.140	142	804	0.145	ng	#	85
16) Acenaphthylene	14.410	152	4884	0.173	ng		99
17) Acenaphthene	14.752	154	3614	0.194	ng		99
18) Fluorene	15.726	166	4411	0.185	ng		99
20) 4,6-Dinitro-2-methylph...	15.801	198	340	0.240	ng	#	60
21) 4-Bromophenyl-phenylether	16.620	248	1563	0.170	ng		97
22) Hexachlorobenzene	16.744	284	1967	0.176	ng		99
23) Atrazine	16.881	200	1003	0.155	ng		98
24) Pentachlorophenol	17.079	266	455	0.149	ng		98
25) Phenanthrene	17.477	178	8496	0.192	ng		100
26) Anthracene	17.563	178	6588	0.172	ng		99
28) Fluoranthene	19.490	202	9041	0.193	ng		100
30) Pyrene	19.852	202	9171	0.161	ng		100
32) Benzo(a)anthracene	21.598	228	7766	0.176	ng		99
33) Chrysene	21.652	228	9103	0.198	ng		98
34) Bis(2-ethylhexyl)phtha...	21.527	149	3499	0.197	ng		97
36) Indeno(1,2,3-cd)pyrene	26.693	276	9498	0.241	ng		99
37) Benzo(b)fluoranthene	23.337	252	8045	0.190	ng	#	92
38) Benzo(k)fluoranthene	23.387	252	8227m	0.179	ng		
39) Benzo(a)pyrene	23.986	252	6241	0.193	ng	#	86
40) Dibenzo(a,h)anthracene	26.714	278	7514	0.241	ng		96
41) Benzo(g,h,i)perylene	27.486	276	7899	0.235	ng		97

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

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