Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112322\
Data File : BN022849.D
Acq On : 23 Nov 2022 16:40
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 03:18:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 03:17:21 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.078	152	3292	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	9380	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	6005	0.400	ng		0.00
19) Phenanthrene-d10	17.451	188	13627	0.400	ng		0.00
29) Chrysene-d12	21.647	240	12118	0.400	ng	#	0.00
35) Perylene-d12	24.136	264	12031	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.608	112	2121	0.209	ng		0.00
5) Phenol-d6	7.219	99	2700	0.214	ng		0.00
8) Nitrobenzene-d5	9.238	82	1436	0.150	ng		0.00
11) 2-Methylnaphthalene-d10	12.480	152	3541	0.227	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	684	0.205	ng		0.00
15) 2-Fluorobiphenyl	13.351	172	5304	0.220	ng		0.00
27) Fluoranthene-d10	19.485	212	7927	0.200	ng		0.00
31) Terphenyl-d14	20.080	244	5699	0.154	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	862	0.186	ng		93
3) n-Nitrosodimethylamine	3.788	42	862	0.162	ng	#	93
6) bis(2-Chloroethyl)ether	7.493	93	2590	0.239	ng		97
9) Naphthalene	10.946	128	5860	0.152	ng		97
10) Hexachlorobutadiene	11.245	225	1198	0.236	ng	#	99
12) 2-Methylnaphthalene	12.162	142	1369	0.209	ng	#	79
16) Acenaphthylene	14.431	152	6675	0.234	ng		100
17) Acenaphthene	14.773	154	4169	0.218	ng		99
18) Fluorene	15.751	166	5371	0.190	ng		99
20) 4,6-Dinitro-2-methylph...	15.825	198	208	0.078	ng	#	21
21) 4-Bromophenyl-phenylether	16.645	248	2000	0.247	ng		96
22) Hexachlorobenzene	16.756	284	2330	0.259	ng		100
23) Atrazine	16.918	200	1583	0.205	ng		97
24) Pentachlorophenol	17.104	266	587	0.142	ng		95
25) Phenanthrene	17.501	178	9134	0.193	ng		99
26) Anthracene	17.588	178	8697	0.221	ng		100
28) Fluoranthene	19.515	202	10422	0.210	ng		100
30) Pyrene	19.877	202	10763	0.212	ng		100
32) Benzo(a)anthracene	21.629	228	9972	0.215	ng		99
33) Chrysene	21.683	228	9635	0.209	ng		99
34) Bis(2-ethylhexyl)phtha...	21.566	149	5799	0.171	ng		100
36) Indeno(1,2,3-cd)pyrene	26.753	276	10453	0.204	ng		100
37) Benzo(b)fluoranthene	23.373	252	9440	0.197	ng		96
38) Benzo(k)fluoranthene	23.423	252	9921m	0.204	ng		
39) Benzo(a)pyrene	24.025	252	7792	0.199	ng	#	94
40) Dibenzo(a,h)anthracene	26.782	278	8142	0.198	ng		94
41) Benzo(g,h,i)perylene	27.557	276	8791	0.207	ng		95

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

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