Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029178.D
Acq On : 22 Dec 2023 15:42
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 03:44:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:40:55 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	815	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1586	0.400	ng	#	0.00
13) Acenaphthene-d10	14.426	164	821	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1308	0.400	ng	#	0.00
29) Chrysene-d12	21.385	240	520	0.400	ng	#	0.00
35) Perylene-d12	23.715	264	652	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	387	0.208	ng		0.00
5) Phenol-d6	6.995	99	419	0.201	ng		0.00
8) Nitrobenzene-d5	8.961	82	399	0.200	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	499	0.192	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	124	0.206	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	936	0.202	ng		0.00
27) Fluoranthene-d10	19.220	212	565	0.207	ng		0.00
31) Terphenyl-d14	19.833	244	322	0.213	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	151	0.210	ng	#	87
3) n-Nitrosodimethylamine	3.702	42	93m	0.168	ng		
6) bis(2-Chloroethyl)ether	7.241	93	257	0.175	ng		91
9) Naphthalene	10.616	128	1011	0.206	ng	#	92
10) Hexachlorobutadiene	10.883	225	324	0.215	ng	#	97
12) 2-Methylnaphthalene	12.242	142	669	0.193	ng		96
16) Acenaphthylene	14.148	152	1127	0.207	ng		99
17) Acenaphthene	14.479	154	683	0.205	ng		97
18) Fluorene	15.484	166	953	0.204	ng		98
20) 4,6-Dinitro-2-methylph...	15.592	198	62	0.285	ng	#	76
21) 4-Bromophenyl-phenylether	16.387	248	243	0.197	ng	#	74
22) Hexachlorobenzene	16.473	284	317	0.218	ng		94
23) Atrazine	16.672	200	220	0.197	ng	#	82
24) Pentachlorophenol	16.846	266	153	0.182	ng		94
25) Phenanthrene	17.218	178	1218	0.213	ng		97
26) Anthracene	17.317	178	1122	0.204	ng		97
28) Fluoranthene	19.252	202	1039	0.203	ng		98
30) Pyrene	19.615	202	1036	0.212	ng		98
32) Benzo(a)anthracene	21.376	228	595	0.201	ng	#	89
33) Chrysene	21.429	228	625	0.217	ng	#	94
34) Bis(2-ethylhexyl)phtha...	21.313	149	890	0.237	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.095	276	825	0.188	ng	#	77
37) Benzo(b)fluoranthene	23.008	252	686	0.200	ng	#	77
38) Benzo(k)fluoranthene	23.058	252	740m	0.211	ng		
39) Benzo(a)pyrene	23.613	252	620	0.198	ng	#	73
40) Dibenzo(a,h)anthracene	26.122	278	635	0.190	ng	#	67
41) Benzo(g,h,i)perylene	26.823	276	743	0.199	ng	#	89

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

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