Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029184.D
Acq On : 22 Dec 2023 19:17
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

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

Quant Time: Dec 23 03:52:47 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 03:51:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	1150	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	2209	0.400	ng		0.00
13) Acenaphthene-d10	14.415	164	1210	0.400	ng		-0.01
19) Phenanthrene-d10	17.181	188	1934	0.400	ng		0.00
29) Chrysene-d12	21.384	240	846	0.400	ng		0.00
35) Perylene-d12	23.709	264	1053	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	906	0.345	ng		0.00
5) Phenol-d6	6.988	99	981	0.333	ng		0.00
8) Nitrobenzene-d5	8.961	82	860	0.313	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1241	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	276	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	2186	0.319	ng		0.00
27) Fluoranthene-d10	19.220	212	1264	0.313	ng		0.00
31) Terphenyl-d14	19.833	244	720	0.292	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	366	0.360	ng	#	85
3) n-Nitrosodimethylamine	3.687	42	284m	0.373	ng		
6) bis(2-Chloroethyl)ether	7.233	93	690	0.334	ng		95
9) Naphthalene	10.616	128	2304	0.338	ng		96
10) Hexachlorobutadiene	10.882	225	727	0.346	ng	#	99
12) 2-Methylnaphthalene	12.238	142	1607	0.332	ng		98
16) Acenaphthylene	14.137	152	2547	0.318	ng		98
17) Acenaphthene	14.479	154	1615	0.329	ng		99
18) Fluorene	15.473	166	2279	0.330	ng		100
20) 4,6-Dinitro-2-methylph...	15.580	198	181	0.387	ng		88
21) 4-Bromophenyl-phenylether	16.374	248	600	0.330	ng		92
22) Hexachlorobenzene	16.461	284	748	0.348	ng		98
23) Atrazine	16.672	200	538	0.325	ng		95
24) Pentachlorophenol	16.833	266	386	0.310	ng		99
25) Phenanthrene	17.218	178	2732	0.323	ng		99
26) Anthracene	17.317	178	2644	0.325	ng		97
28) Fluoranthene	19.252	202	2378	0.313	ng	#	99
30) Pyrene	19.615	202	2391	0.300	ng		99
32) Benzo(a)anthracene	21.366	228	1538	0.320	ng		99
33) Chrysene	21.420	228	1561	0.334	ng		95
34) Bis(2-ethylhexyl)phtha...	21.313	149	1788	0.292	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.086	276	2333	0.328	ng	#	96
37) Benzo(b)fluoranthene	23.005	252	1848	0.334	ng		95
38) Benzo(k)fluoranthene	23.052	252	1877	0.328	ng		95
39) Benzo(a)pyrene	23.610	252	1619	0.321	ng		92
40) Dibenzo(a,h)anthracene	26.118	278	1770	0.329	ng	#	87
41) Benzo(g,h,i)perylene	26.811	276	2012	0.333	ng		97

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

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