Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029138.D
Acq On : 20 Dec 2023 17:13
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 18:04:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	852	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	1497	0.400	ng		0.00
13) Acenaphthene-d10	14.426	164	709	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1269	0.400	ng	#	0.00
29) Chrysene-d12	21.385	240	686	0.400	ng		0.00
35) Perylene-d12	23.704	264	772	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	773	0.379	ng		0.00
5) Phenol-d6	7.002	99	827	0.369	ng		0.00
8) Nitrobenzene-d5	8.961	82	684	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	835	0.368	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	233	0.376	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1509	0.364	ng		0.00
27) Fluoranthene-d10	19.220	212	1142	0.372	ng		0.00
31) Terphenyl-d14	19.828	244	692	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	295m	0.368	ng		
3) n-Nitrosodimethylamine	3.716	42	230m	0.418	ng		
6) bis(2-Chloroethyl)ether	7.248	93	632	0.363	ng		97
9) Naphthalene	10.626	128	1783	0.366	ng		99
10) Hexachlorobutadiene	10.893	225	610	0.380	ng	#	98
12) 2-Methylnaphthalene	12.242	142	1166	0.366	ng		98
16) Acenaphthylene	14.148	152	1811	0.362	ng		98
17) Acenaphthene	14.490	154	1088	0.363	ng		97
18) Fluorene	15.484	166	1524	0.377	ng		94
20) 4,6-Dinitro-2-methylph...	15.580	198	196	0.387	ng	#	82
21) 4-Bromophenyl-phenylether	16.387	248	454	0.346	ng		96
22) Hexachlorobenzene	16.474	284	572	0.374	ng		95
23) Atrazine	16.672	200	401	0.364	ng		95
24) Pentachlorophenol	16.833	266	323	0.357	ng		93
25) Phenanthrene	17.218	178	1935	0.370	ng		98
26) Anthracene	17.318	178	1892	0.374	ng		99
28) Fluoranthene	19.248	202	1952	0.361	ng	#	98
30) Pyrene	19.615	202	2016	0.373	ng		99
32) Benzo(a)anthracene	21.367	228	1406	0.373	ng		98
33) Chrysene	21.420	228	1323	0.355	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1612	0.342	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.081	276	1863	0.375	ng	#	83
37) Benzo(b)fluoranthene	23.002	252	1507	0.384	ng		97
38) Benzo(k)fluoranthene	23.049	252	1394	0.363	ng		97
39) Benzo(a)pyrene	23.604	252	1336	0.381	ng		96
40) Dibenzo(a,h)anthracene	26.107	278	1460	0.382	ng		96
41) Benzo(g,h,i)perylene	26.812	276	1595	0.379	ng		99

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

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