Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035069.D
Acq On : 13 Nov 2024 16:51
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 17:18:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 17:18:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	2509	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	6367	0.400	ng		0.00
13) Acenaphthene-d10	14.186	164	4967	0.400	ng		0.00
19) Phenanthrene-d10	16.939	188	12682	0.400	ng		0.00
29) Chrysene-d12	21.140	240	14055	0.400	ng		0.00
35) Perylene-d12	23.304	264	15724	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	2342	0.368	ng		0.00
5) Phenol-d6	6.737	99	2867	0.359	ng		0.00
8) Nitrobenzene-d5	8.696	82	1983	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	11.916	152	4166	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.686	330	1154	0.322	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	7205	0.357	ng		0.00
27) Fluoranthene-d10	18.976	212	14530	0.374	ng		0.00
31) Terphenyl-d14	19.584	244	11240	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.177	88	845	0.371	ng		99
3) n-Nitrosodimethylamine	3.473	42	781	0.368	ng	#	94
6) bis(2-Chloroethyl)ether	6.990	93	2218	0.370	ng		98
9) Naphthalene	10.362	128	6092	0.366	ng		100
10) Hexachlorobutadiene	10.661	225	1817	0.373	ng	#	98
12) 2-Methylnaphthalene	11.988	142	4513	0.368	ng		99
16) Acenaphthylene	13.908	152	7387	0.348	ng		100
17) Acenaphthene	14.250	154	4995	0.359	ng		99
18) Fluorene	15.245	166	7206	0.352	ng		100
20) 4,6-Dinitro-2-methylph...	15.330	198	870m	0.330	ng		
21) 4-Bromophenyl-phenylether	16.145	248	3001	0.371	ng		98
22) Hexachlorobenzene	16.244	284	3175	0.379	ng		99
23) Atrazine	16.418	200	2682	0.370	ng		98
24) Pentachlorophenol	16.592	266	1269	0.324	ng		98
25) Phenanthrene	16.977	178	12517	0.375	ng		99
26) Anthracene	17.063	178	11219	0.366	ng		100
28) Fluoranthene	19.004	202	17084	0.372	ng		100
30) Pyrene	19.366	202	17580	0.376	ng		100
32) Benzo(a)anthracene	21.122	228	18406	0.376	ng		99
33) Chrysene	21.176	228	18693	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	8691	0.338	ng		100
36) Indeno(1,2,3-cd)pyrene	25.450	276	23546	0.375	ng		99
37) Benzo(b)fluoranthene	22.660	252	20039	0.379	ng		99
38) Benzo(k)fluoranthene	22.701	252	20114	0.380	ng		98
39) Benzo(a)pyrene	23.210	252	17596	0.378	ng		99
40) Dibenzo(a,h)anthracene	25.467	278	18547	0.373	ng		98
41) Benzo(g,h,i)perylene	26.104	276	19649	0.372	ng		99

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

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