Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071124\
Data File : BN032623.D
Acq On : 10 Jul 2024 20:44
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN071124

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 23:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.574	152	4425	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	13963	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	9406	0.400	ng	0.00
19) Phenanthrene-d10	16.979	188	20502	0.400	ng	0.00
29) Chrysene-d12	21.193	240	17938	0.400	ng	# 0.00
35) Perylene-d12	23.394	264	18072	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	4257	0.380	ng	0.00
5) Phenol-d6	6.808	99	5393	0.388	ng	0.01
8) Nitrobenzene-d5	8.788	82	3952	0.376	ng	0.01
11) 2-Methylnaphthalene-d10	11.964	152	8485	0.397	ng	0.00
14) 2,4,6-Tribromophenol	15.738	330	1428	0.355	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	13887	0.397	ng	0.00
27) Fluoranthene-d10	19.021	212	21133	0.398	ng	0.00
31) Terphenyl-d14	19.630	244	14058	0.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	2178	0.397	ng	95
3) n-Nitrosodimethylamine	3.472	42	1759	0.380	ng	# 100
6) bis(2-Chloroethyl)ether	7.032	93	4684	0.403	ng	94
9) Naphthalene	10.400	128	15368	0.397	ng	100
10) Hexachlorobutadiene	10.645	225	3010	0.407	ng	# 99
12) 2-Methylnaphthalene	12.039	142	9814	0.388	ng	98
16) Acenaphthylene	13.932	152	13967	0.365	ng	100
17) Acenaphthene	14.274	154	10787	0.398	ng	100
18) Fluorene	15.279	166	14327	0.395	ng	100
20) 4,6-Dinitro-2-methylph...	15.472	198	674	0.444	ng	97
21) 4-Bromophenyl-phenylether	16.172	248	4677	0.388	ng	99
22) Hexachlorobenzene	16.272	284	5260	0.390	ng	100
23) Atrazine	16.458	200	3292	0.371	ng	97
24) Pentachlorophenol	16.669	266	1468	0.293	ng	99
25) Phenanthrene	17.016	178	21755	0.388	ng	100
26) Anthracene	17.128	178	16228	0.352	ng	99
28) Fluoranthene	19.054	202	26952	0.398	ng	100
30) Pyrene	19.416	202	27755	0.379	ng	99
32) Benzo(a)anthracene	21.175	228	20336	0.359	ng	99
33) Chrysene	21.229	228	28529	0.423	ng	100
34) Bis(2-ethylhexyl)phtha...	21.077	149	11763	0.375	ng	100
36) Indeno(1,2,3-cd)pyrene	25.613	276	27205	0.382	ng	100
37) Benzo(b)fluoranthene	22.730	252	23079	0.367	ng	97
38) Benzo(k)fluoranthene	22.777	252	27788m	0.386	ng	
39) Benzo(a)pyrene	23.306	252	21341	0.376	ng	95
40) Dibenzo(a,h)anthracene	25.624	278	21513	0.382	ng	97
41) Benzo(g,h,i)perylene	26.294	276	24178	0.388	ng	100

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

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