Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
Data File : BN034892.D
Acq On : 07 Nov 2024 14:24
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN110724

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 15:03:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	5596	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	16947	0.400	ng		0.00
13) Acenaphthene-d10	14.208	164	8617	0.400	ng		0.00
19) Phenanthrene-d10	16.952	188	17630	0.400	ng	#	0.00
29) Chrysene-d12	21.149	240	11730	0.400	ng		0.00
35) Perylene-d12	23.315	264	10292	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	5527	0.354	ng		0.00
5) Phenol-d6	6.752	99	7207	0.348	ng		0.00
8) Nitrobenzene-d5	8.707	82	4552	0.345	ng		0.00
11) 2-Methylnaphthalene-d10	11.935	152	8763	0.379	ng		0.00
14) 2,4,6-Tribromophenol	15.698	330	865	0.383	ng		0.00
15) 2-Fluorobiphenyl	12.829	172	13055	0.359	ng		0.00
27) Fluoranthene-d10	18.990	212	15225	0.383	ng		0.00
31) Terphenyl-d14	19.598	244	8465	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.184	88	2461	0.348	ng		99
3) n-Nitrosodimethylamine	3.487	42	3231	0.339	ng	#	96
6) bis(2-Chloroethyl)ether	7.012	93	6507	0.364	ng		97
9) Naphthalene	10.394	128	17745	0.377	ng		99
10) Hexachlorobutadiene	10.682	225	2830	0.378	ng	#	98
12) 2-Methylnaphthalene	12.011	142	10990	0.382	ng		100
16) Acenaphthylene	13.919	152	14368	0.346	ng		100
17) Acenaphthene	14.272	154	10248	0.356	ng		97
18) Fluorene	15.255	166	12934	0.361	ng		99
20) 4,6-Dinitro-2-methylph...	15.341	198	537	0.349	ng	#	66
21) 4-Bromophenyl-phenylether	16.157	248	3565	0.379	ng	#	88
22) Hexachlorobenzene	16.269	284	4413	0.390	ng		95
23) Atrazine	16.430	200	2461	0.361	ng	#	93
24) Pentachlorophenol	16.604	266	1024	0.373	ng		99
25) Phenanthrene	16.989	178	20264	0.375	ng		100
26) Anthracene	17.088	178	17075	0.366	ng		99
28) Fluoranthene	19.017	202	21837	0.384	ng		99
30) Pyrene	19.380	202	21794	0.367	ng		100
32) Benzo(a)anthracene	21.131	228	16875	0.369	ng		99
33) Chrysene	21.185	228	18729	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	8553m	0.326	ng		
36) Indeno(1,2,3-cd)pyrene	25.470	276	15123	0.330	ng		98
37) Benzo(b)fluoranthene	22.669	252	17108	0.378	ng		97
38) Benzo(k)fluoranthene	22.713	252	16927	0.360	ng		95
39) Benzo(a)pyrene	23.219	252	12517	0.349	ng		94
40) Dibenzo(a,h)anthracene	25.491	278	11726	0.331	ng		97
41) Benzo(g,h,i)perylene	26.125	276	13002	0.345	ng		97

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

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