Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029383.D
Acq On : 25 Jan 2024 12:43
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jan 26 01:38:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:37:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	3850	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	11313	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	6428	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	14657	0.400	ng		0.00
29) Chrysene-d12	21.510	240	12379	0.400	ng		0.00
35) Perylene-d12	23.902	264	12005	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.478	112	3746	0.356	ng		0.00
5) Phenol-d6	7.074	99	4966	0.351	ng		0.00
8) Nitrobenzene-d5	9.078	82	3992	0.335	ng		0.00
11) 2-Methylnaphthalene-d10	12.303	152	6154	0.341	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	939	0.332	ng		0.00
15) 2-Fluorobiphenyl	13.175	172	9878	0.333	ng		0.00
27) Fluoranthene-d10	19.341	212	13542	0.321	ng		0.00
31) Terphenyl-d14	19.949	244	10527	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1822	0.351	ng		100
3) n-Nitrosodimethylamine	3.716	42	1747	0.346	ng		100
6) bis(2-Chloroethyl)ether	7.349	93	4603	0.350	ng		100
9) Naphthalene	10.765	128	12187	0.339	ng		100
10) Hexachlorobutadiene	11.043	225	2264	0.344	ng	#	100
12) 2-Methylnaphthalene	12.374	142	7837	0.338	ng		100
16) Acenaphthylene	14.265	152	10939	0.322	ng		100
17) Acenaphthene	14.618	154	7498	0.330	ng		100
18) Fluorene	15.592	166	10139	0.336	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	724	0.351	ng		100
21) 4-Bromophenyl-phenylether	16.498	248	3282	0.330	ng		100
22) Hexachlorobenzene	16.598	284	3848	0.337	ng		100
23) Atrazine	16.771	200	2440	0.327	ng		100
24) Pentachlorophenol	16.945	266	1230	0.350	ng		100
25) Phenanthrene	17.342	178	16603	0.333	ng		100
26) Anthracene	17.442	178	14272	0.324	ng		100
28) Fluoranthene	19.373	202	19000	0.324	ng		100
30) Pyrene	19.735	202	19158	0.341	ng		100
32) Benzo(a)anthracene	21.492	228	16340	0.324	ng		100
33) Chrysene	21.546	228	17579	0.336	ng		100
34) Bis(2-ethylhexyl)phtha...	21.438	149	9365	0.303	ng		100
36) Indeno(1,2,3-cd)pyrene	26.379	276	16207	0.312	ng		100
37) Benzo(b)fluoranthene	23.174	252	17176	0.338	ng		100
38) Benzo(k)fluoranthene	23.224	252	16271	0.329	ng		100
39) Benzo(a)pyrene	23.797	252	13253	0.324	ng		100
40) Dibenzo(a,h)anthracene	26.408	278	13065	0.313	ng		100
41) Benzo(g,h,i)perylene	27.136	276	14425	0.318	ng		100

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

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