Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033481.D
Acq On : 19 Aug 2024 17:28
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 19 23:22:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:20:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	12893	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	24390	0.400	ng		0.00
13) Acenaphthene-d10	14.189	164	12011	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	24497	0.400	ng		0.00
29) Chrysene-d12	21.148	240	16119	0.400	ng		0.00
35) Perylene-d12	23.320	264	15903	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.191	112	16332	0.450	ng		0.00
5) Phenol-d6	6.743	99	17540	0.370	ng		0.00
8) Nitrobenzene-d5	8.691	82	7402	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	11.915	152	12006	0.327	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	2219	0.362	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	17864	0.367	ng		0.00
27) Fluoranthene-d10	18.984	212	21323	0.332	ng		0.00
31) Terphenyl-d14	19.597	244	13894	0.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4244	0.306	ng		100
3) n-Nitrosodimethylamine	3.479	42	5877	0.327	ng		100
6) bis(2-Chloroethyl)ether	6.996	93	9709	0.263	ng		100
9) Naphthalene	10.368	128	23095	0.349	ng		100
10) Hexachlorobutadiene	10.667	225	4688	0.369	ng	#	100
12) 2-Methylnaphthalene	11.990	142	14284	0.323	ng		100
16) Acenaphthylene	13.911	152	18435	0.334	ng		100
17) Acenaphthene	14.253	154	13259	0.349	ng		100
18) Fluorene	15.247	166	16584	0.334	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	1253	0.410	ng		100
21) 4-Bromophenyl-phenylether	16.147	248	5430	0.372	ng		100
22) Hexachlorobenzene	16.247	284	6099	0.374	ng		100
23) Atrazine	16.420	200	4249	0.365	ng		100
24) Pentachlorophenol	16.594	266	2368	0.354	ng		100
25) Phenanthrene	16.979	178	25297	0.361	ng		100
26) Anthracene	17.066	178	21458	0.347	ng		100
28) Fluoranthene	19.012	202	27103	0.319	ng		100
30) Pyrene	19.374	202	27468	0.423	ng		100
32) Benzo(a)anthracene	21.130	228	21232	0.355	ng		100
33) Chrysene	21.184	228	21457	0.360	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	13125	0.459	ng		98
36) Indeno(1,2,3-cd)pyrene	25.484	276	24410	0.370	ng		100
37) Benzo(b)fluoranthene	22.677	252	21250	0.358	ng		100
38) Benzo(k)fluoranthene	22.721	252	21063	0.350	ng		100
39) Benzo(a)pyrene	23.227	252	17428	0.348	ng		100
40) Dibenzo(a,h)anthracene	25.496	278	19569	0.375	ng		100
41) Benzo(g,h,i)perylene	26.139	276	20604	0.359	ng		100

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

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