Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030861.D
Acq On : 12 Apr 2024 14:08
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 12 15:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:48:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	5691	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	16559	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	9374	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	20678	0.400	ng		0.00
29) Chrysene-d12	21.258	240	20437	0.400	ng		0.00
35) Perylene-d12	23.489	264	17067	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	22232	1.629	ng		0.00
5) Phenol-d6	6.844	99	27569	1.667	ng		0.00
8) Nitrobenzene-d5	8.820	82	20100	1.700	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	42541	1.676	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	6258	1.648	ng		0.00
15) 2-Fluorobiphenyl	12.926	172	55080	1.658	ng		0.00
27) Fluoranthene-d10	19.098	212	96342	1.676	ng		0.00
31) Terphenyl-d14	19.702	244	76689	1.650	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	10760	1.565	ng		95
3) n-Nitrosodimethylamine	3.522	42	11301	1.710	ng	#	97
6) bis(2-Chloroethyl)ether	7.104	93	26048	1.687	ng		99
9) Naphthalene	10.496	128	76604	1.673	ng		99
10) Hexachlorobutadiene	10.784	225	15327	1.676	ng	#	99
12) 2-Methylnaphthalene	12.119	142	50501	1.686	ng		98
16) Acenaphthylene	14.028	152	70349	1.718	ng		100
17) Acenaphthene	14.370	154	48784	1.686	ng		99
18) Fluorene	15.364	166	64432	1.694	ng		100
20) 4,6-Dinitro-2-methylph...	15.439	198	4760	1.838	ng	#	91
21) 4-Bromophenyl-phenylether	16.258	248	20464	1.684	ng		99
22) Hexachlorobenzene	16.358	284	24144	1.702	ng		99
23) Atrazine	16.531	200	15275	1.686	ng		98
24) Pentachlorophenol	16.705	266	8712	1.818	ng		100
25) Phenanthrene	17.102	178	102163	1.688	ng		100
26) Anthracene	17.189	178	86741	1.715	ng		100
28) Fluoranthene	19.126	202	127237	1.699	ng		100
30) Pyrene	19.493	202	128652	1.674	ng		100
32) Benzo(a)anthracene	21.240	228	118483	1.672	ng		99
33) Chrysene	21.294	228	125372	1.651	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	47566	1.539	ng		99
36) Indeno(1,2,3-cd)pyrene	25.740	276	115881	1.736	ng		99
37) Benzo(b)fluoranthene	22.817	252	125121	1.656	ng	#	95
38) Benzo(k)fluoranthene	22.861	252	121316	1.702	ng		96
39) Benzo(a)pyrene	23.393	252	98235	1.688	ng	#	90
40) Dibenzo(a,h)anthracene	25.752	278	92757	1.749	ng		96
41) Benzo(g,h,i)perylene	26.425	276	98414	1.714	ng		98

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

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