Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025397.D
Acq On : 11 May 2023 12:50
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 12 00:54:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:52:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.897	152	9058	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	26592	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	16507	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	33082	0.400	ng	#	0.00
29) Chrysene-d12	21.486	240	25116	0.400	ng		0.00
35) Perylene-d12	23.914	264	22550	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	37573	1.790	ng		0.00
5) Phenol-d6	7.066	99	54146	1.898	ng		-0.01
8) Nitrobenzene-d5	9.063	82	43605	2.029	ng		-0.02
11) 2-Methylnaphthalene-d10	12.298	152	67062	1.912	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	16300	1.850	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	105227	1.836	ng		-0.01
27) Fluoranthene-d10	19.330	212	137276	1.813	ng		0.00
31) Terphenyl-d14	19.920	244	108559	1.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	14619	1.747	ng		95
3) n-Nitrosodimethylamine	3.643	42	25896	1.929	ng	#	93
6) bis(2-Chloroethyl)ether	7.319	93	42812	1.965	ng		95
9) Naphthalene	10.761	128	120525	1.799	ng		99
10) Hexachlorobutadiene	11.038	225	24534	1.886	ng	#	100
12) 2-Methylnaphthalene	12.374	142	88741	1.916	ng		99
16) Acenaphthylene	14.266	152	139003	1.812	ng		99
17) Acenaphthene	14.609	154	81372	1.793	ng		100
18) Fluorene	15.592	166	108395	1.804	ng		100
20) 4,6-Dinitro-2-methylph...	15.710	198	4239	1.715	ng	#	1
21) 4-Bromophenyl-phenylether	16.479	248	34484	1.848	ng	#	85
22) Hexachlorobenzene	16.603	284	37119	1.803	ng		99
23) Atrazine	16.752	200	27910	1.844	ng		95
24) Pentachlorophenol	16.963	266	18555	1.736	ng		98
25) Phenanthrene	17.336	178	164207	1.834	ng		100
26) Anthracene	17.423	178	163371	1.881	ng		100
28) Fluoranthene	19.359	202	188136	1.813	ng		100
30) Pyrene	19.726	202	193020	1.823	ng		100
32) Benzo(a)anthracene	21.477	228	158730	1.854	ng		96
33) Chrysene	21.531	228	152001	1.828	ng		95
34) Bis(2-ethylhexyl)phtha...	21.379	149	141015	1.709	ng		99
36) Indeno(1,2,3-cd)pyrene	26.426	276	150416	1.814	ng		99
37) Benzo(b)fluoranthene	23.172	252	134101	1.814	ng	#	84
38) Benzo(k)fluoranthene	23.218	252	138541	1.821	ng	#	83
39) Benzo(a)pyrene	23.803	252	131492	1.825	ng	#	80
40) Dibenzo(a,h)anthracene	26.443	278	120866	1.829	ng	#	85
41) Benzo(g,h,i)perylene	27.203	276	126090	1.805	ng		91

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

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