Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025393.D
Acq On : 11 May 2023 10:28
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 12 00:52:16 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	7.896	152	11837	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	38089	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	22436	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	44372	0.400	ng		0.00
29) Chrysene-d12	21.495	240	34548	0.400	ng	#	0.00
35) Perylene-d12	23.932	264	30706	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	2753	0.100	ng		0.00
5) Phenol-d6	7.080	99	3495	0.094	ng		0.00
8) Nitrobenzene-d5	9.084	82	2361	0.077	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	4580	0.091	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	1020	0.085	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	6948	0.089	ng		0.00
27) Fluoranthene-d10	19.334	212	9846	0.097	ng		0.00
31) Terphenyl-d14	19.924	244	7899	0.095	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	1067	0.098	ng	#	91
3) n-Nitrosodimethylamine	3.657	42	1438	0.082	ng	#	87
6) bis(2-Chloroethyl)ether	7.326	93	2586	0.091	ng		97
9) Naphthalene	10.760	128	9268	0.097	ng		98
10) Hexachlorobutadiene	11.038	225	1830	0.098	ng	#	98
12) 2-Methylnaphthalene	12.381	142	6107	0.092	ng		94
16) Acenaphthylene	14.266	152	9814	0.094	ng		99
17) Acenaphthene	14.608	154	5884	0.095	ng		98
18) Fluorene	15.603	166	7627	0.093	ng		100
21) 4-Bromophenyl-phenylether	16.491	248	2324	0.093	ng	#	90
22) Hexachlorobenzene	16.603	284	2661	0.096	ng		98
23) Atrazine	16.765	200	1916	0.094	ng		93
25) Phenanthrene	17.336	178	11499	0.096	ng		99
26) Anthracene	17.435	178	10636	0.091	ng		99
28) Fluoranthene	19.363	202	13736	0.099	ng		100
30) Pyrene	19.726	202	14092	0.097	ng		99
32) Benzo(a)anthracene	21.477	228	11387	0.097	ng	#	89
33) Chrysene	21.531	228	10739	0.094	ng	#	91
34) Bis(2-ethylhexyl)phtha...	21.387	149	13053	0.115	ng		99
36) Indeno(1,2,3-cd)pyrene	26.481	276	10991	0.097	ng		98
37) Benzo(b)fluoranthene	23.189	252	10087	0.100	ng	#	63
38) Benzo(k)fluoranthene	23.239	252	9838	0.095	ng	#	62
39) Benzo(a)pyrene	23.829	252	9392	0.096	ng	#	51
40) Dibenzo(a,h)anthracene	26.493	278	8641	0.096	ng	#	68
41) Benzo(g,h,i)perylene	27.253	276	9617	0.101	ng	#	80

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

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