Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017879.D
Acq On : 10 Dec 2021 20:04
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 10 23:00:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 10 22:58:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	20650	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	83539	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	52714	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	106074	0.400	ng		0.00
29) Chrysene-d12	21.282	240	90679	0.400	ng		#-0.01
35) Perylene-d12	23.586	264	63687	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	36912	0.740	ng		0.00
5) Phenol-d6	6.894	99	36883	0.781	ng		0.00
8) Nitrobenzene-d5	8.859	82	44539	0.801	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	132574	0.795	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	11539	0.419	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	169088	0.876	ng		0.00
27) Fluoranthene-d10	19.129	212	309890	0.874	ng		0.00
31) Terphenyl-d14	19.735	244	194056	0.996	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	5513	0.725	ng		99
3) n-Nitrosodimethylamine	3.602	42	16874	0.792	ng		100
6) bis(2-Chloroethyl)ether	7.143	93	46934	0.879	ng		100
9) Naphthalene	10.545	128	181105	0.828	ng		99
10) Hexachlorobutadiene	10.836	225	51413	0.809	ng	#	100
12) 2-Methylnaphthalene	12.161	142	125748	0.798	ng		99
16) Acenaphthylene	14.055	152	177602	0.858	ng		100
17) Acenaphthene	14.398	154	122195	0.886	ng		100
18) Fluorene	15.388	166	152551	0.866	ng		100
20) 4,6-Dinitro-2-methylph...	15.514	198	230	0.132	ng	#	55
21) 4-Bromophenyl-phenylether	16.289	248	55506	0.865	ng	#	93
22) Hexachlorobenzene	16.399	284	70277	0.921	ng		100
23) Atrazine	16.557	200	35182	0.758	ng		96
24) Pentachlorophenol	16.764	266	2430	0.127	ng		98
25) Phenanthrene	17.129	178	245973	0.883	ng		100
26) Anthracene	17.226	178	208322	0.850	ng		100
28) Fluoranthene	19.154	202	308661	0.910	ng		100
30) Pyrene	19.517	202	311945	1.085	ng		100
32) Benzo(a)anthracene	21.272	228	230879	0.827	ng		99
33) Chrysene	21.325	228	249122	0.854	ng		99
34) Bis(2-ethylhexyl)phtha...	21.208	149	84916	0.671	ng		100
36) Indeno(1,2,3-cd)pyrene	25.947	276	95809	0.543	ng		100
37) Benzo(b)fluoranthene	22.891	252	185577	0.857	ng		99
38) Benzo(k)fluoranthene	22.935	252	185465	0.908	ng		99
39) Benzo(a)pyrene	23.483	252	159760	0.821	ng	#	93
40) Dibenzo(a,h)anthracene	25.968	278	62053	0.454	ng		96
41) Benzo(g,h,i)perylene	26.663	276	88556	0.603	ng		98

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

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