Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014489.D
Acq On : 29 Apr 2021 13:52
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Apr 29 14:21:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 12:40:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	7687	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	25955	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	14041	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	27308	0.40	ng		0.00
29) Chrysene-d12	21.250	240	28450	0.40	ng		0.00
35) Perylene-d12	23.465	264	21345	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	46829	3.24	ng		0.00
5) Phenol-d6	6.839	99	60092	3.36	ng		0.00
8) Nitrobenzene-d5	8.807	82	49567	2.86	ng		0.00
11) 2-Methylnaphthalene-d10	12.035	152	181177	4.62	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	15045	3.25	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	178306	3.37	ng		0.00
27) Fluoranthene-d10	19.084	212	348734	4.66	ng		0.00
31) Terphenyl-d14	19.690	244	207896	3.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	27394	3.20	ng		96
3) n-Nitrosodimethylamine	3.561	42	15657	3.77	ng		96
6) bis(2-Chloroethyl)ether	7.104	93	61254	3.34	ng		98
9) Naphthalene	10.492	128	227650	3.55	ng		99
10) Hexachlorobutadiene	10.784	225	42629	3.43	ng	#	99
12) 2-Methylnaphthalene	12.111	142	150972	3.58	ng		99
16) Acenaphthylene	14.016	152	193069	3.50	ng		99
17) Acenaphthene	14.359	154	136633	3.54	ng		96
18) Fluorene	15.349	166	169225	3.49	ng		100
20) 4,6-Dinitro-2-methylph...	15.425	198	10178	4.26	ng	#	47
21) 4-Bromophenyl-phenylether	16.240	248	51797	3.63	ng	#	67
22) Hexachlorobenzene	16.362	284	66544	3.61	ng		99
23) Atrazine	16.520	200	28379	3.15	ng		96
24) Pentachlorophenol	16.702	266	13936	3.69	ng		99
25) Phenanthrene	17.092	178	274461	3.62	ng		100
26) Anthracene	17.177	178	225244	3.76	ng		100
28) Fluoranthene	19.114	202	313938	3.74	ng		99
30) Pyrene	19.481	202	302803	3.61	ng		100
32) Benzo(a)anthracene	21.229	228	275091	3.51	ng		100
33) Chrysene	21.282	228	312918	3.66	ng		100
34) Bis(2-ethylhexyl)phtha...	21.176	149	64992	1.96	ng		100
36) Indeno(1,2,3-cd)pyrene	25.690	276	319659	3.89	ng		100
37) Benzo(b)fluoranthene	22.801	252	288621	3.80	ng	#	94
38) Benzo(k)fluoranthene	22.846	252	316437	4.03	ng	#	95
39) Benzo(a)pyrene	23.369	252	253425	3.70	ng	#	91
40) Dibenzo(a,h)anthracene	25.700	278	271454	3.97	ng		96
41) Benzo(g,h,i)perylene	26.364	276	282708	3.90	ng		99

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

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