Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014487.D
Acq On : 29 Apr 2021 12:40
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Apr 29 13:13:34 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	7079	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	25118	0.40	ng		0.00
13) Acenaphthene-d10	14.296	164	12692	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	25484	0.40	ng		0.00
29) Chrysene-d12	21.250	240	23044	0.40	ng		0.00
35) Perylene-d12	23.465	264	18718	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	9458	0.71	ng		0.00
5) Phenol-d6	6.839	99	11446	0.70	ng		0.00
8) Nitrobenzene-d5	8.807	82	9955	0.59	ng		0.00
11) 2-Methylnaphthalene-d10	12.035	152	40537	1.07	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	2462	0.59	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	40634	0.85	ng		0.00
27) Fluoranthene-d10	19.084	212	70616	1.01	ng		0.00
31) Terphenyl-d14	19.695	244	42847	0.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	6055	0.77	ng		98
3) n-Nitrosodimethylamine	3.593	42	2730	0.71	ng		91
6) bis(2-Chloroethyl)ether	7.104	93	13635	0.81	ng		100
9) Naphthalene	10.492	128	52820	0.85	ng		100
10) Hexachlorobutadiene	10.784	225	10169	0.85	ng	#	99
12) 2-Methylnaphthalene	12.111	142	34070	0.83	ng		100
16) Acenaphthylene	14.016	152	35814	0.72	ng		99
17) Acenaphthene	14.359	154	28706	0.82	ng		99
18) Fluorene	15.349	166	34937	0.80	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	1478	0.66	ng	#	54
21) 4-Bromophenyl-phenylether	16.240	248	10812	0.81	ng	#	65
22) Hexachlorobenzene	16.362	284	14945	0.87	ng		100
23) Atrazine	16.520	200	4978	0.59	ng		98
24) Pentachlorophenol	16.703	266	2053	0.58	ng		97
25) Phenanthrene	17.092	178	58900	0.83	ng		100
26) Anthracene	17.177	178	43070	0.77	ng		100
28) Fluoranthene	19.114	202	64377	0.82	ng		100
30) Pyrene	19.481	202	60544	0.89	ng		100
32) Benzo(a)anthracene	21.229	228	46599	0.73	ng		100
33) Chrysene	21.282	228	62680	0.91	ng		100
34) Bis(2-ethylhexyl)phtha...	21.176	149	12796	0.48	ng		99
36) Indeno(1,2,3-cd)pyrene	25.687	276	60728	0.84	ng		100
37) Benzo(b)fluoranthene	22.801	252	56345	0.85	ng		97
38) Benzo(k)fluoranthene	22.846	252	63349	0.92	ng		97
39) Benzo(a)pyrene	23.369	252	48552	0.81	ng		97
40) Dibenzo(a,h)anthracene	25.700	278	51453	0.86	ng		97
41) Benzo(g,h,i)perylene	26.368	276	56076	0.88	ng		99

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

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