Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014490.D
Acq On : 29 Apr 2021 14:27
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Apr 29 14:56:41 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	8520	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	28365	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	15458	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	29793	0.40	ng		0.00
29) Chrysene-d12	21.250	240	32303	0.40	ng		0.00
35) Perylene-d12	23.469	264	23711	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	77446	4.83	ng		0.00
5) Phenol-d6	6.839	99	102632	5.18	ng		0.00
8) Nitrobenzene-d5	8.807	82	84441	4.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.035	152	292332	6.82	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	12.925	172	287944	4.95	ng		0.00
27) Fluoranthene-d10	19.084	212	574776	7.05	ng		0.00
31) Terphenyl-d14	19.690	244	341604	5.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	42993	4.53	ng		94
3) n-Nitrosodimethylamine	3.553	42	26977	5.87	ng	#	96
6) bis(2-Chloroethyl)ether	7.096	93	97782	4.81	ng		98
9) Naphthalene	10.492	128	362902	5.18	ng		99
10) Hexachlorobutadiene	10.784	225	67343	4.96	ng	#	99
12) 2-Methylnaphthalene	12.111	142	240633	5.22	ng		99
16) Acenaphthylene	14.016	152	331938	5.47	ng		99
17) Acenaphthene	14.359	154	224961	5.29	ng		95
18) Fluorene	15.349	166	279131	5.23	ng		99
20) 4,6-Dinitro-2-methylph...	15.425	198	19762	7.59	ng	#	42
21) 4-Bromophenyl-phenylether	16.240	248	84627	5.43	ng	#	67
22) Hexachlorobenzene	16.362	284	105170	5.23	ng		100
24) Pentachlorophenol	16.702	266	26378	6.40	ng		99
25) Phenanthrene	17.092	178	442807	5.35	ng		100
26) Anthracene	17.177	178	384667	5.89	ng		100
28) Fluoranthene	19.114	202	508132	5.55	ng		99
30) Pyrene	19.481	202	503664	5.28	ng		100
32) Benzo(a)anthracene	21.229	228	476254	5.35	ng		100
33) Chrysene	21.282	228	511900	5.28	ng		100
34) Bis(2-ethylhexyl)phtha...	21.176	149	120574	3.19	ng		99
36) Indeno(1,2,3-cd)pyrene	25.690	276	531157	5.82	ng		100
37) Benzo(b)fluoranthene	22.801	252	493608	5.85	ng	#	94
38) Benzo(k)fluoranthene	22.846	252	500537	5.74	ng	#	95
39) Benzo(a)pyrene	23.369	252	427064	5.61	ng	#	91
40) Dibenzo(a,h)anthracene	25.704	278	447810	5.89	ng		96
41) Benzo(g,h,i)perylene	26.371	276	465808	5.78	ng		99

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

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