Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014774.D
Acq On : 26 May 2021 20:33
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: May 27 00:58:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	760	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2647	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	2104	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	5203	0.40	ng	#	0.00
29) Chrysene-d12	21.314	240	7843	0.40	ng		0.00
35) Perylene-d12	23.578	264	7363	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	9106	4.53	ng		0.00
5) Phenol-d6	6.895	99	13375	4.99	ng		0.00
8) Nitrobenzene-d5	8.857	82	12324	5.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.093	152	25275	3.92	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	7429	7.59	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	36332	4.72	ng		-0.01
27) Fluoranthene-d10	19.153	212	97127	4.18	ng		0.00
31) Terphenyl-d14	19.754	244	88143	4.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	4259	4.22	ng	#	90
3) n-Nitrosodimethylamine	3.593	42	1809	4.75	ng	#	5
6) bis(2-Chloroethyl)ether	7.144	93	10812	4.87	ng		98
9) Naphthalene	10.543	128	35246	5.04	ng	#	89
10) Hexachlorobutadiene	10.834	225	9010	5.35	ng	#	100
12) 2-Methylnaphthalene	12.168	142	26840	5.28	ng		97
16) Acenaphthylene	14.080	152	44549	5.75	ng		98
17) Acenaphthene	14.422	154	30156	5.27	ng		94
18) Fluorene	15.412	166	40690	5.28	ng		98
21) 4-Bromophenyl-phenylether	16.313	248	17507	5.49	ng	#	83
22) Hexachlorobenzene	16.422	284	18949	5.61	ng		99
23) Atrazine	16.581	200	13056	6.45	ng	#	88
25) Phenanthrene	17.153	178	74069	5.19	ng		99
26) Anthracene	17.250	178	68405	5.71	ng		97
28) Fluoranthene	19.183	202	104208	5.51	ng		99
30) Pyrene	19.546	202	105902	4.92	ng		99
32) Benzo(a)anthracene	21.292	228	121900	5.35	ng		99
33) Chrysene	21.345	228	122646	5.14	ng		98
34) Bis(2-ethylhexyl)phtha...	21.239	149	36292	5.73	ng		95
36) Indeno(1,2,3-cd)pyrene	25.861	276	157839	5.33	ng		100
37) Benzo(b)fluoranthene	22.894	252	134032	5.33	ng	#	91
38) Benzo(k)fluoranthene	22.941	252	137672	5.29	ng	#	90
39) Benzo(a)pyrene	23.475	252	120214	5.66	ng	#	84
40) Dibenzo(a,h)anthracene	25.875	278	133943	5.29	ng	#	91
41) Benzo(g,h,i)perylene	26.553	276	133907	5.55	ng		95

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

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