Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016027.D
Acq On : 24 Aug 2021 11:46
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Aug 24 12:41:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 11:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.882	152	8636	0.400	ng		0.00
7) Naphthalene-d8	10.685	136	44219	0.400	ng		0.00
13) Acenaphthene-d10	14.510	164	23040	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	42529	0.400	ng		0.00
29) Chrysene-d12	21.440	240	45578	0.400	ng		0.00
35) Perylene-d12	23.840	264	41736	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	16587	0.738	ng		0.00
5) Phenol-d6	7.052	99	23263	0.738	ng		0.00
8) Nitrobenzene-d5	9.038	82	21606	0.494	ng		0.00
11) 2-Methylnaphthalene-d10	12.265	152	54546	0.837	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	5672	0.690	ng		0.00
15) 2-Fluorobiphenyl	13.140	172	70759	0.676	ng		0.00
27) Fluoranthene-d10	19.286	212	99105	0.803	ng		0.00
31) Terphenyl-d14	19.882	244	88222	0.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	3816	1.040	ng	#	86
3) n-Nitrosodimethylamine	3.751	42	6070	1.005	ng		98
6) bis(2-Chloroethyl)ether	7.310	93	19538	0.742	ng		100
9) Naphthalene	10.723	128	91932	0.752	ng		100
10) Hexachlorobutadiene	11.015	225	20616	0.786	ng	#	99
12) 2-Methylnaphthalene	12.341	142	60339	0.786	ng		100
16) Acenaphthylene	14.231	152	69347	0.634	ng		100
17) Acenaphthene	14.573	154	51556	0.722	ng		99
18) Fluorene	15.550	166	62330	0.722	ng		99
20) 4,6-Dinitro-2-methylph...	15.626	198	2138	0.607	ng	#	89
21) 4-Bromophenyl-phenylether	16.446	248	17332	0.693	ng		99
22) Hexachlorobenzene	16.567	284	23579	0.720	ng		99
23) Atrazine	16.713	200	10706	0.831	ng		98
24) Pentachlorophenol	16.908	266	5291	0.687	ng		99
25) Phenanthrene	17.297	178	95951	0.716	ng		99
26) Anthracene	17.383	178	80687	0.708	ng		100
28) Fluoranthene	19.316	202	112494	0.739	ng		100
30) Pyrene	19.678	202	109980	0.795	ng		100
32) Benzo(a)anthracene	21.429	228	111219	0.766	ng		99
33) Chrysene	21.482	228	117465	0.772	ng		100
34) Bis(2-ethylhexyl)phtha...	21.355	149	27191	0.560	ng		100
36) Indeno(1,2,3-cd)pyrene	26.312	276	126157	0.697	ng		99
37) Benzo(b)fluoranthene	23.108	252	118952	0.751	ng	#	96
38) Benzo(k)fluoranthene	23.156	252	112424	0.750	ng		99
39) Benzo(a)pyrene	23.731	252	103512	0.733	ng	#	93
40) Dibenzo(a,h)anthracene	26.329	278	104942	0.699	ng		99
41) Benzo(g,h,i)perylene	27.075	276	107260	0.711	ng		99

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

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