Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016028.D
Acq On : 24 Aug 2021 12:22
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 24 12:55:22 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	9064	0.400	ng		0.00
7) Naphthalene-d8	10.673	136	45891	0.400	ng		#-0.01
13) Acenaphthene-d10	14.510	164	24770	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	45221	0.400	ng		0.00
29) Chrysene-d12	21.450	240	48665	0.400	ng		# 0.01
35) Perylene-d12	23.844	264	44439	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	37122	1.575	ng		0.00
5) Phenol-d6	7.052	99	52179	1.577	ng		0.00
8) Nitrobenzene-d5	9.038	82	53165	1.171	ng		0.00
11) 2-Methylnaphthalene-d10	12.265	152	117317	1.734	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	14531	1.644	ng		0.00
15) 2-Fluorobiphenyl	13.140	172	150635	1.339	ng		0.00
27) Fluoranthene-d10	19.286	212	224406	1.709	ng		0.00
31) Terphenyl-d14	19.882	244	192394	1.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	8455	2.196	ng	#	88
3) n-Nitrosodimethylamine	3.733	42	14298	2.255	ng		95
6) bis(2-Chloroethyl)ether	7.310	93	41859	1.515	ng		100
9) Naphthalene	10.724	128	195017	1.537	ng		99
10) Hexachlorobutadiene	11.015	225	43809	1.610	ng	#	100
12) 2-Methylnaphthalene	12.336	142	128308	1.611	ng		99
16) Acenaphthylene	14.231	152	166412	1.415	ng		100
17) Acenaphthene	14.573	154	112773	1.470	ng		99
18) Fluorene	15.550	166	137054	1.476	ng		99
20) 4,6-Dinitro-2-methylph...	15.626	198	6800	1.816	ng	#	80
21) 4-Bromophenyl-phenylether	16.446	248	38709	1.455	ng		99
22) Hexachlorobenzene	16.567	284	50806	1.459	ng		99
23) Atrazine	16.713	200	28619	2.089	ng		98
24) Pentachlorophenol	16.908	266	15012	1.834	ng		100
25) Phenanthrene	17.297	178	209022	1.467	ng		99
26) Anthracene	17.383	178	188684	1.556	ng		100
28) Fluoranthene	19.316	202	245858	1.519	ng		100
30) Pyrene	19.679	202	241756	1.637	ng		100
32) Benzo(a)anthracene	21.429	228	253730	1.637	ng		99
33) Chrysene	21.482	228	243945	1.502	ng		99
34) Bis(2-ethylhexyl)phtha...	21.355	149	70064	1.351	ng		100
36) Indeno(1,2,3-cd)pyrene	26.322	276	273061	1.418	ng		99
37) Benzo(b)fluoranthene	23.115	252	259980	1.541	ng	#	95
38) Benzo(k)fluoranthene	23.159	252	236376	1.481	ng		98
39) Benzo(a)pyrene	23.738	252	225735	1.501	ng	#	91
40) Dibenzo(a,h)anthracene	26.343	278	227366	1.422	ng		98
41) Benzo(g,h,i)perylene	27.082	276	232641	1.448	ng		99

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

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