Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016026.D
Acq On : 24 Aug 2021 11:09
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 24 11:53:22 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	8384	0.400	ng		0.00
7) Naphthalene-d8	10.685	136	44281	0.400	ng		0.00
13) Acenaphthene-d10	14.509	164	23260	0.400	ng		0.00
19) Phenanthrene-d10	17.248	188	43630	0.400	ng		0.00
29) Chrysene-d12	21.440	240	46920	0.400	ng		0.00
35) Perylene-d12	23.840	264	43362	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	7766	0.356	ng		0.00
5) Phenol-d6	7.052	99	10709	0.350	ng		0.00
8) Nitrobenzene-d5	9.038	82	9453	0.216	ng		0.00
11) 2-Methylnaphthalene-d10	12.265	152	26298	0.403	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	2432	0.293	ng		0.00
15) 2-Fluorobiphenyl	13.139	172	35069	0.332	ng		0.00
27) Fluoranthene-d10	19.286	212	46310	0.366	ng		0.00
31) Terphenyl-d14	19.882	244	42988	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	1781	0.500	ng		86
3) n-Nitrosodimethylamine	3.760	42	2680	0.457	ng		100
6) bis(2-Chloroethyl)ether	7.310	93	9605	0.376	ng		100
9) Naphthalene	10.723	128	45774	0.374	ng		100
10) Hexachlorobutadiene	11.015	225	10090	0.384	ng	#	100
12) 2-Methylnaphthalene	12.340	142	29670	0.386	ng		100
16) Acenaphthylene	14.230	152	29246	0.265	ng		100
17) Acenaphthene	14.573	154	24835	0.345	ng		100
18) Fluorene	15.550	166	29659	0.340	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	799	0.221	ng		100
21) 4-Bromophenyl-phenylether	16.445	248	8270	0.322	ng		100
22) Hexachlorobenzene	16.567	284	11759	0.350	ng		100
23) Atrazine	16.713	200	4413	0.334	ng		100
24) Pentachlorophenol	16.908	266	2113	0.267	ng		100
25) Phenanthrene	17.297	178	47499	0.345	ng		100
26) Anthracene	17.382	178	36749	0.314	ng		100
28) Fluoranthene	19.316	202	53586	0.343	ng		100
30) Pyrene	19.678	202	53076	0.373	ng		100
32) Benzo(a)anthracene	21.429	228	52635	0.352	ng		100
33) Chrysene	21.482	228	58724	0.375	ng		100
34) Bis(2-ethylhexyl)phtha...	21.355	149	12249	0.245	ng		100
36) Indeno(1,2,3-cd)pyrene	26.318	276	63430	0.337	ng		100
37) Benzo(b)fluoranthene	23.111	252	58609	0.356	ng		100
38) Benzo(k)fluoranthene	23.156	252	55191	0.354	ng		100
39) Benzo(a)pyrene	23.734	252	51599	0.352	ng		100
40) Dibenzo(a,h)anthracene	26.339	278	52283	0.335	ng		100
41) Benzo(g,h,i)perylene	27.078	276	53957	0.344	ng		100

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

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