Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015858.D
Acq On : 12 Aug 2021 10:27
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 12 11:11:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 10:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8927	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	41608	0.400	ng		0.00
13) Acenaphthene-d10	14.548	164	24199	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	49165	0.400	ng		0.00
29) Chrysene-d12	21.493	240	57018	0.400	ng		0.00
35) Perylene-d12	23.916	264	53750	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	35931	1.546	ng		0.00
5) Phenol-d6	7.071	99	49124	1.560	ng		0.00
8) Nitrobenzene-d5	9.076	82	56911	1.744	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	110239	1.650	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	18402	1.701	ng		0.00
15) 2-Fluorobiphenyl	13.178	172	146996	1.512	ng		0.00
27) Fluoranthene-d10	19.336	212	257786	1.726	ng		0.00
31) Terphenyl-d14	19.932	244	253774	1.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	5980	1.601	ng		97
3) n-Nitrosodimethylamine	3.761	42	16218	1.780	ng		99
6) bis(2-Chloroethyl)ether	7.347	93	38904	1.588	ng		100
9) Naphthalene	10.774	128	173295	1.586	ng		100
10) Hexachlorobutadiene	11.066	225	47364	1.677	ng	#	100
12) 2-Methylnaphthalene	12.385	142	118939	1.568	ng		100
16) Acenaphthylene	14.269	152	168903	1.639	ng		100
17) Acenaphthene	14.611	154	111296	1.628	ng		97
18) Fluorene	15.601	166	137593	1.597	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	8962	1.856	ng	#	82
21) 4-Bromophenyl-phenylether	16.494	248	44014	1.669	ng		99
22) Hexachlorobenzene	16.616	284	56402	1.652	ng		99
23) Atrazine	16.762	200	38625	1.665	ng		99
24) Pentachlorophenol	16.957	266	22339	1.710	ng		100
25) Phenanthrene	17.346	178	219498	1.594	ng		99
26) Anthracene	17.431	178	204196	1.639	ng		100
28) Fluoranthene	19.366	202	275106	1.667	ng		100
30) Pyrene	19.728	202	274590	1.526	ng		100
32) Benzo(a)anthracene	21.472	228	297876	1.607	ng		100
33) Chrysene	21.525	228	287662	1.549	ng		100
34) Bis(2-ethylhexyl)phtha...	21.408	149	129541	1.535	ng		99
36) Indeno(1,2,3-cd)pyrene	26.432	276	304926	1.655	ng		100
37) Benzo(b)fluoranthene	23.180	252	308364	1.641	ng		99
38) Benzo(k)fluoranthene	23.228	252	280438	1.610	ng		99
39) Benzo(a)pyrene	23.810	252	265670	1.633	ng		97
40) Dibenzo(a,h)anthracene	26.456	278	252491	1.686	ng		98
41) Benzo(g,h,i)perylene	27.205	276	258768	1.587	ng		99

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

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