Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026777.D
Acq On : 01 Aug 2023 10:42
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 02 00:25:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:20:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	6725	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	19691	0.400	ng		0.00
13) Acenaphthene-d10	14.747	164	11367	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	24528	0.400	ng		0.00
29) Chrysene-d12	21.676	240	20100	0.400	ng		0.00
35) Perylene-d12	24.241	264	16567	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	22001	1.292	ng		0.00
5) Phenol-d6	7.243	99	28569	1.295	ng		0.00
8) Nitrobenzene-d5	9.304	82	15628	1.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.525	152	38814	1.375	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	4939	1.276	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	63786	1.374	ng		0.00
27) Fluoranthene-d10	19.514	212	82165	1.395	ng		0.00
31) Terphenyl-d14	20.108	244	56015	1.337	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	10713	1.365	ng		99
3) n-Nitrosodimethylamine	3.826	42	12229	1.396	ng		99
6) bis(2-Chloroethyl)ether	7.546	93	27503	1.383	ng		100
9) Naphthalene	11.002	128	74500	1.376	ng		99
10) Hexachlorobutadiene	11.248	225	13605	1.386	ng	#	99
12) 2-Methylnaphthalene	12.596	142	51417	1.391	ng		99
16) Acenaphthylene	14.480	152	78347	1.394	ng		100
17) Acenaphthene	14.811	154	48883	1.387	ng		99
18) Fluorene	15.792	166	65188	1.421	ng		99
20) 4,6-Dinitro-2-methylph...	16.946	198	551	1.388	ng	#	47
21) 4-Bromophenyl-phenylether	16.685	248	20715	1.397	ng		99
22) Hexachlorobenzene	16.760	284	23876	1.409	ng		99
23) Atrazine	16.946	200	13351	1.363	ng		97
24) Pentachlorophenol	17.120	266	6179	1.411	ng		99
25) Phenanthrene	17.530	178	104121	1.398	ng		100
26) Anthracene	17.629	178	95251	1.431	ng		100
28) Fluoranthene	19.541	202	118747	1.432	ng		100
30) Pyrene	19.908	202	119364	1.374	ng		100
32) Benzo(a)anthracene	21.659	228	95922	1.390	ng		100
33) Chrysene	21.712	228	105908	1.388	ng		99
34) Bis(2-ethylhexyl)phtha...	21.560	149	27548	1.205	ng		99
36) Indeno(1,2,3-cd)pyrene	26.957	276	96785	1.432	ng		100
37) Benzo(b)fluoranthene	23.446	252	93502	1.412	ng		97
38) Benzo(k)fluoranthene	23.498	252	96679	1.455	ng		99
39) Benzo(a)pyrene	24.127	252	84685	1.425	ng	#	95
40) Dibenzo(a,h)anthracene	26.989	278	75117	1.431	ng		97
41) Benzo(g,h,i)perylene	27.796	276	87916	1.414	ng		100

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

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