Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111322\
Data File : BN022629.D
Acq On : 12 Nov 2022 15:08
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 14 01:38:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:35:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	1839	0.400	ng	0.00
7) Naphthalene-d8	10.709	136	5586	0.400	ng	#-0.01
13) Acenaphthene-d10	14.571	164	3443	0.400	ng	0.00
19) Phenanthrene-d10	17.329	188	7297	0.400	ng	# 0.00
29) Chrysene-d12	21.537	240	6552	0.400	ng	0.00
35) Perylene-d12	23.979	264	5815	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	8956	1.684	ng	0.00
5) Phenol-d6	7.068	99	11288	1.698	ng	0.00
8) Nitrobenzene-d5	9.065	82	9309	1.753	ng	-0.01
11) 2-Methylnaphthalene-d10	12.311	152	15090	1.657	ng	0.00
14) 2,4,6-Tribromophenol	16.075	330	3112	1.869	ng	0.00
15) 2-Fluorobiphenyl	13.192	172	22469	1.603	ng	0.00
27) Fluoranthene-d10	19.369	212	34445	1.714	ng	0.00
31) Terphenyl-d14	19.967	244	32460	1.598	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.233	88	4252	1.639	ng	# 92
3) n-Nitrosodimethylamine	3.580	42	4749	1.791	ng	# 96
6) bis(2-Chloroethyl)ether	7.314	93	9943	1.702	ng	99
9) Naphthalene	10.763	128	27583	1.673	ng	97
10) Hexachlorobutadiene	11.040	225	4856	1.589	ng	# 100
12) 2-Methylnaphthalene	12.039	142	6491	1.927	ng	# 82
16) Acenaphthylene	14.283	152	27488	1.734	ng	100
17) Acenaphthene	14.625	154	17798	1.638	ng	100
18) Fluorene	15.619	166	24850	1.689	ng	99
20) 4,6-Dinitro-2-methylph...	15.715	198	2455	2.242	ng	# 1
21) 4-Bromophenyl-phenylether	16.510	248	7090	1.648	ng	# 77
22) Hexachlorobenzene	16.621	284	7862	1.568	ng	98
23) Atrazine	16.795	200	6737	1.841	ng	# 92
24) Pentachlorophenol	16.981	266	3958	2.066	ng	99
25) Phenanthrene	17.366	178	39225	1.668	ng	99
26) Anthracene	17.465	178	34428	1.714	ng	99
28) Fluoranthene	19.398	202	43410	1.702	ng	100
30) Pyrene	19.765	202	44243	1.658	ng	100
32) Benzo(a)anthracene	21.519	228	40441	1.679	ng	98
33) Chrysene	21.573	228	40177	1.618	ng	99
34) Bis(2-ethylhexyl)phtha...	21.438	149	28823	2.073	ng	99
36) Indeno(1,2,3-cd)pyrene	26.525	276	41655	1.516	ng	99
37) Benzo(b)fluoranthene	23.227	252	37965	1.613	ng	# 89
38) Benzo(k)fluoranthene	23.277	252	38481	1.638	ng	# 89
39) Benzo(a)pyrene	23.864	252	31077	1.624	ng	# 86
40) Dibenzo(a,h)anthracene	26.548	278	33591	1.520	ng	91
41) Benzo(g,h,i)perylene	27.314	276	34407	1.480	ng	95

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

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