Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
Data File : BN028268.D
Acq On : 12 Oct 2023 19:35
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 13 02:14:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:03:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	2668	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	8554	0.400	ng	-0.01
13) Acenaphthene-d10	14.534	164	5414	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	11839	0.400	ng	#-0.01
29) Chrysene-d12	21.497	240	12521	0.400	ng	0.00
35) Perylene-d12	23.958	264	14426	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	23764	2.868	ng	0.00
5) Phenol-d6	7.048	99	30661	3.006	ng	0.00
8) Nitrobenzene-d5	9.080	82	23781	3.134	ng	-0.02
11) 2-Methylnaphthalene-d10	12.290	152	41457	3.224	ng	0.00
14) 2,4,6-Tribromophenol	16.040	330	8300	3.143	ng	-0.01
15) 2-Fluorobiphenyl	13.154	172	60255	3.163	ng	-0.01
27) Fluoranthene-d10	19.333	212	101247	3.197	ng	0.00
31) Terphenyl-d14	19.922	244	81287	3.058	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	9554	2.964	ng	# 95
3) n-Nitrosodimethylamine	3.653	42	11323	3.215	ng	# 99
6) bis(2-Chloroethyl)ether	7.329	93	25620	3.257	ng	97
9) Naphthalene	10.757	128	70814	3.192	ng	97
10) Hexachlorobutadiene	10.970	225	11974	3.145	ng	# 99
12) 2-Methylnaphthalene	12.366	142	50670	3.214	ng	99
16) Acenaphthylene	14.266	152	78464	3.225	ng	100
17) Acenaphthene	14.598	154	49203	3.210	ng	99
18) Fluorene	15.581	166	64994	3.221	ng	96
20) 4,6-Dinitro-2-methylph...	15.705	198	5025	3.285	ng	# 56
21) 4-Bromophenyl-phenylether	16.475	248	20029	3.285	ng	# 78
22) Hexachlorobenzene	16.561	284	20015	3.188	ng	99
23) Atrazine	16.760	200	18503	3.237	ng	# 95
24) Pentachlorophenol	16.934	266	9951	3.472	ng	95
25) Phenanthrene	17.343	178	103347	3.189	ng	99
26) Anthracene	17.430	178	100860	3.259	ng	100
28) Fluoranthene	19.365	202	126225	3.100	ng	100
30) Pyrene	19.732	202	130900	3.055	ng	100
32) Benzo(a)anthracene	21.480	228	136806	3.076	ng	97
33) Chrysene	21.533	228	133765	3.142	ng	97
34) Bis(2-ethylhexyl)phtha...	21.354	149	99652	2.933	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.530	276	179206	3.081	ng	99
37) Benzo(b)fluoranthene	23.192	252	140409	3.114	ng	# 88
38) Benzo(k)fluoranthene	23.241	252	143518	3.129	ng	# 88
39) Benzo(a)pyrene	23.844	252	140718	3.137	ng	# 86
40) Dibenzo(a,h)anthracene	26.539	278	147571	3.125	ng	# 90
41) Benzo(g,h,i)perylene	27.334	276	150422	3.086	ng	94

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

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