Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061621\
Data File : BN014928.D
Acq On : 16 Jun 2021 19:05
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jun 17 01:06:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 18:59:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	17642	0.400	ng	# 0.00
7) Naphthalene-d8	10.534	136	73753	0.400	ng	# 0.01
13) Acenaphthene-d10	14.371	164	40815	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	78271	0.400	ng	0.00
29) Chrysene-d12	21.324	240	71253	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	73314	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	163292	3.429	ng	0.00
5) Phenol-d6	6.924	99	205365	3.704	ng	0.00
8) Nitrobenzene-d5	8.899	82	189319	3.107	ng	0.00
11) 2-Methylnaphthalene-d10	12.119	152	390482	2.812	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	64796	3.784	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	492037	3.189	ng	0.00
27) Fluoranthene-d10	19.158	212	763456	2.827	ng	0.00
31) Terphenyl-d14	19.769	244	551556	3.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	22681	4.424	ng	# 71
3) n-Nitrosodimethylamine	3.706	42	55525	10.210	ng	# 67
6) bis(2-Chloroethyl)ether	7.191	93	165564	3.940	ng	# 82
9) Naphthalene	10.572	128	656588	3.251	ng	97
10) Hexachlorobutadiene	10.876	225	130207	2.211	ng	# 98
12) 2-Methylnaphthalene	12.190	142	430193	3.027	ng	# 90
16) Acenaphthylene	14.092	152	652894	3.837	ng	98
17) Acenaphthene	14.434	154	404666	3.514	ng	96
18) Fluorene	15.424	166	495441	3.364	ng	98
20) 4,6-Dinitro-2-methylph...	15.488	198	26332	5.269	ng	# 42
21) 4-Bromophenyl-phenylether	16.325	248	159346	2.860	ng	92
22) Hexachlorobenzene	16.434	284	169674	2.679	ng	93
23) Atrazine	16.592	200	147329	4.872	ng	93
24) Pentachlorophenol	16.763	266	73377	5.147	ng	99
25) Phenanthrene	17.164	178	757003	3.404	ng	99
26) Anthracene	17.250	178	742193	3.769	ng	99
28) Fluoranthene	19.188	202	841663	2.990	ng	# 97
30) Pyrene	19.550	202	885595	4.175	ng	99
32) Benzo(a)anthracene	21.303	228	866461	4.276	ng	98
33) Chrysene	21.356	228	825524	3.472	ng	98
34) Bis(2-ethylhexyl)phtha...	21.260	149	626236	10.004	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.861	276	851142	3.865	ng	# 87
37) Benzo(b)fluoranthene	22.907	252	876154	3.745	ng	# 96
38) Benzo(k)fluoranthene	22.951	252	827729	2.971	ng	# 94
39) Benzo(a)pyrene	23.482	252	790055	3.563	ng	# 95
40) Dibenzo(a,h)anthracene	25.881	278	693992	4.118	ng	# 91
41) Benzo(g,h,i)perylene	26.552	276	731278	3.432	ng	# 90

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

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