Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061621\
Data File : BN014925.D
Acq On : 16 Jun 2021 17:17
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jun 16 19:01:10 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	16816	0.400	ng	# 0.00
7) Naphthalene-d8	10.521	136	77330	0.400	ng	# 0.00
13) Acenaphthene-d10	14.371	164	43730	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	83006	0.400	ng	0.00
29) Chrysene-d12	21.323	240	74699	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	72137	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	20382	0.449	ng	0.00
5) Phenol-d6	6.924	99	25840	0.489	ng	0.00
8) Nitrobenzene-d5	8.899	82	21125	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.119	152	49077	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	7338	0.400	ng	0.00
15) 2-Fluorobiphenyl	13.000	172	62172	0.376	ng	0.00
27) Fluoranthene-d10	19.158	212	95793	0.335	ng	0.00
31) Terphenyl-d14	19.768	244	70092	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	2550	0.522	ng	# 60
3) n-Nitrosodimethylamine	3.715	42	5671	1.094	ng	# 67
6) bis(2-Chloroethyl)ether	7.200	93	20185	0.504	ng	# 82
9) Naphthalene	10.572	128	81742	0.386	ng	98
10) Hexachlorobutadiene	10.876	225	16267	0.264	ng	# 98
12) 2-Methylnaphthalene	12.190	142	56010	0.376	ng	# 90
16) Acenaphthylene	14.092	152	82321	0.452	ng	98
17) Acenaphthene	14.434	154	50397	0.409	ng	97
18) Fluorene	15.424	166	62700	0.397	ng	99
20) 4,6-Dinitro-2-methylph...	15.487	198	1200	0.226	ng	# 63
21) 4-Bromophenyl-phenylether	16.324	248	20233	0.342	ng	# 92
22) Hexachlorobenzene	16.422	284	21140	0.315	ng	# 92
23) Atrazine	16.592	200	17743	0.553	ng	94
24) Pentachlorophenol	16.762	266	6527	0.432	ng	99
25) Phenanthrene	17.164	178	94770	0.402	ng	99
26) Anthracene	17.249	178	93136	0.446	ng	99
28) Fluoranthene	19.188	202	109380	0.366	ng	# 97
30) Pyrene	19.550	202	112902	0.508	ng	99
32) Benzo(a)anthracene	21.302	228	105720	0.498	ng	98
33) Chrysene	21.355	228	102040	0.409	ng	98
34) Bis(2-ethylhexyl)phtha...	21.270	149	70040	1.067	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.857	276	86979	0.401	ng	# 87
37) Benzo(b)fluoranthene	22.906	252	102388	0.445	ng	# 96
38) Benzo(k)fluoranthene	22.951	252	101048	0.369	ng	# 94
39) Benzo(a)pyrene	23.482	252	89416	0.410	ng	# 94
40) Dibenzo(a,h)anthracene	25.881	278	69928	0.422	ng	# 91
41) Benzo(g,h,i)perylene	26.552	276	75826	0.362	ng	# 89

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

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