Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN014973.D
Acq On : 22 Jun 2021 14:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 22 15:01:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	18199	0.400	ng	# 0.00
7) Naphthalene-d8	10.522	136	79732	0.400	ng	# 0.00
13) Acenaphthene-d10	14.358	164	41085	0.400	ng	-0.01
19) Phenanthrene-d10	17.104	188	75764	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	67371	0.400	ng	#-0.01
35) Perylene-d12	23.571	264	60079	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	20660	0.367	ng	0.00
5) Phenol-d6	6.915	99	25680	0.360	ng	0.00
8) Nitrobenzene-d5	8.887	82	17884	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	48327	0.353	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	5068	0.263	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	62178	0.398	ng	-0.01
27) Fluoranthene-d10	19.148	212	80356	0.336	ng	0.00
31) Terphenyl-d14	19.754	244	61334	0.367	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.356	88	2883	0.378	ng	# 69
3) n-Nitrosodimethylamine	3.715	42	5894	0.349	ng	# 60
6) bis(2-Chloroethyl)ether	7.182	93	21444	0.383	ng	# 81
9) Naphthalene	10.560	128	85285	0.382	ng	98
10) Hexachlorobutadiene	10.864	225	16703	0.376	ng	# 98
12) 2-Methylnaphthalene	12.177	142	55292	0.368	ng	# 91
16) Acenaphthylene	14.079	152	63233	0.305	ng	98
17) Acenaphthene	14.422	154	47135	0.371	ng	98
18) Fluorene	15.411	166	56643	0.361	ng	99
20) 4,6-Dinitro-2-methylph...	15.488	198	1332	0.386	ng	# 54
21) 4-Bromophenyl-phenylether	16.313	248	17571	0.359	ng	93
22) Hexachlorobenzene	16.422	284	20967	0.406	ng	# 92
23) Atrazine	16.580	200	9378	0.214	ng	94
24) Pentachlorophenol	16.763	266	4921	0.259	ng	100
25) Phenanthrene	17.152	178	91622	0.396	ng	99
26) Anthracene	17.237	178	71955	0.318	ng	99
28) Fluoranthene	19.178	202	99606	0.380	ng	# 97
30) Pyrene	19.540	202	96209	0.361	ng	99
32) Benzo(a)anthracene	21.292	228	79558	0.313	ng	98
33) Chrysene	21.345	228	94176	0.387	ng	98
34) Bis(2-ethylhexyl)phtha...	21.250	149	23288	0.131	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.844	276	67183	0.335	ng	# 87
37) Benzo(b)fluoranthene	22.893	252	79510	0.353	ng	# 96
38) Benzo(k)fluoranthene	22.938	252	91862	0.422	ng	# 94
39) Benzo(a)pyrene	23.472	252	65614	0.331	ng	# 95
40) Dibenzo(a,h)anthracene	25.861	278	52672	0.324	ng	# 90
41) Benzo(g,h,i)perylene	26.532	276	59010	0.339	ng	# 89

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

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