Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072021\
Data File : BN015617.D
Acq On : 20 Jul 2021 10:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 20 11:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:13:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	14490	0.400	ng	# 0.00
7) Naphthalene-d8	10.571	136	63448	0.400	ng	# 0.00
13) Acenaphthene-d10	14.408	164	33060	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	61508	0.400	ng	0.00
29) Chrysene-d12	21.366	240	59745	0.400	ng	# 0.00
35) Perylene-d12	23.707	264	61046	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	15949	0.384	ng	0.00
5) Phenol-d6	6.951	99	18738	0.379	ng	0.00
8) Nitrobenzene-d5	8.937	82	15521	0.340	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	37921	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.906	330	4567	0.405	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	49364	0.370	ng	0.00
27) Fluoranthene-d10	19.202	212	65288	0.351	ng	0.00
31) Terphenyl-d14	19.808	244	49923	0.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	2929	0.413	ng	# 58
3) n-Nitrosodimethylamine	3.678	42	4323	0.362	ng	# 77
6) bis(2-Chloroethyl)ether	7.218	93	16895	0.382	ng	# 85
9) Naphthalene	10.622	128	67607	0.367	ng	97
10) Hexachlorobutadiene	10.914	225	12799	0.372	ng	# 99
12) 2-Methylnaphthalene	12.234	142	43801	0.375	ng	# 89
16) Acenaphthylene	14.129	152	52801	0.343	ng	98
17) Acenaphthene	14.472	154	37421	0.364	ng	98
18) Fluorene	15.461	166	45074	0.366	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	1706	1.138	ng	# 58
21) 4-Bromophenyl-phenylether	16.360	248	13709	0.351	ng	92
22) Hexachlorobenzene	16.470	284	15779	0.359	ng	# 92
23) Atrazine	16.628	200	9069	0.354	ng	93
24) Pentachlorophenol	16.823	266	1008	0.367	ng	100
25) Phenanthrene	17.200	178	71751	0.361	ng	99
26) Anthracene	17.298	178	58771	0.344	ng	99
28) Fluoranthene	19.232	202	79973	0.371	ng	# 97
30) Pyrene	19.594	202	79149	0.345	ng	99
32) Benzo(a)anthracene	21.344	228	74693	0.358	ng	98
33) Chrysene	21.397	228	80862	0.366	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	29926	0.335	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.110	276	98301	0.451	ng	# 84
37) Benzo(b)fluoranthene	22.995	252	83896	0.350	ng	# 95
38) Benzo(k)fluoranthene	23.043	252	89481	0.370	ng	# 94
39) Benzo(a)pyrene	23.604	252	76632	0.372	ng	# 91
40) Dibenzo(a,h)anthracene	26.127	278	80995	0.473	ng	# 90
41) Benzo(g,h,i)perylene	26.846	276	81397	0.440	ng	# 89

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

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