Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016023.D
Acq On : 24 Aug 2021 09:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 24 14:30:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 14:26:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8369	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	39692	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	17097	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	32394	0.400	ng	0.00
29) Chrysene-d12	21.440	240	36790	0.400	ng	# 0.00
35) Perylene-d12	23.837	264	33176	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	6190	0.309	ng	0.00
5) Phenol-d6	7.043	99	8358	0.299	ng	0.00
8) Nitrobenzene-d5	9.038	82	6820	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	20932	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	1553	0.320	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	29528	0.429	ng	0.00
27) Fluoranthene-d10	19.286	212	32136	0.352	ng	0.00
31) Terphenyl-d14	19.882	244	30683	0.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	2087	0.454	ng	# 84
3) n-Nitrosodimethylamine	3.751	42	2476	0.343	ng	# 90
6) bis(2-Chloroethyl)ether	7.311	93	9211	0.394	ng	96
9) Naphthalene	10.724	128	42713	0.409	ng	100
10) Hexachlorobutadiene	11.015	225	9252	0.399	ng	# 99
12) 2-Methylnaphthalene	12.336	142	25191	0.378	ng	98
16) Acenaphthylene	14.231	152	22440	0.357	ng	100
17) Acenaphthene	14.573	154	20163	0.419	ng	95
18) Fluorene	15.550	166	24478	0.425	ng	99
20) 4,6-Dinitro-2-methylph...	15.626	198	684	0.395	ng	100
21) 4-Bromophenyl-phenylether	16.446	248	6113	0.376	ng	96
22) Hexachlorobenzene	16.567	284	10104	0.442	ng	98
23) Atrazine	16.713	200	2513	0.317	ng	99
24) Pentachlorophenol	16.908	266	1335	0.223	ng	98
25) Phenanthrene	17.298	178	38528	0.418	ng	100
26) Anthracene	17.383	178	27561	0.365	ng	100
28) Fluoranthene	19.316	202	40957	0.401	ng	99
30) Pyrene	19.679	202	39160	0.358	ng	100
32) Benzo(a)anthracene	21.429	228	39402	0.353	ng	99
33) Chrysene	21.472	228	46751	0.395	ng	97
34) Bis(2-ethylhexyl)phtha...	21.355	149	9065	0.304	ng	98
36) Indeno(1,2,3-cd)pyrene	26.312	276	53311	0.424	ng	99
37) Benzo(b)fluoranthene	23.108	252	46801	0.394	ng	100
38) Benzo(k)fluoranthene	23.153	252	45520	0.412	ng	99
39) Benzo(a)pyrene	23.731	252	39461	0.385	ng	99
40) Dibenzo(a,h)anthracene	26.332	278	43724	0.421	ng	98
41) Benzo(g,h,i)perylene	27.072	276	41877	0.390	ng	99

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

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