Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016058.D
Acq On : 25 Aug 2021 09:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 25 10:46:38 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	10383	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	55445	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	30623	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	59207	0.400	ng	0.00
29) Chrysene-d12	21.440	240	61238	0.400	ng	0.00
35) Perylene-d12	23.840	264	53847	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.448	112	9110	0.367	ng	0.00
5) Phenol-d6	7.034	99	13180	0.380	ng	-0.02
8) Nitrobenzene-d5	9.025	82	15755	0.432	ng	-0.01
11) 2-Methylnaphthalene-d10	12.261	152	33987	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	1978	0.228	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	43141	0.350	ng	-0.01
27) Fluoranthene-d10	19.286	212	65040	0.390	ng	0.00
31) Terphenyl-d14	19.882	244	58356	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	2140	0.375	ng	# 96
3) n-Nitrosodimethylamine	3.733	42	4228	0.472	ng	# 93
6) bis(2-Chloroethyl)ether	7.301	93	12093	0.417	ng	99
9) Naphthalene	10.723	128	55553	0.381	ng	99
10) Hexachlorobutadiene	11.015	225	13026	0.402	ng	# 98
12) 2-Methylnaphthalene	12.336	142	36875	0.396	ng	100
16) Acenaphthylene	14.218	152	44340	0.394	ng	99
17) Acenaphthene	14.560	154	31706	0.368	ng	99
18) Fluorene	15.550	166	38987	0.378	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	179	0.152	ng	# 47
21) 4-Bromophenyl-phenylether	16.445	248	11213	0.377	ng	96
22) Hexachlorobenzene	16.567	284	14935	0.358	ng	99
23) Atrazine	16.713	200	6687	0.395	ng	96
24) Pentachlorophenol	16.908	266	973	0.089	ng	98
25) Phenanthrene	17.297	178	60742	0.361	ng	98
26) Anthracene	17.383	178	53333	0.387	ng	100
28) Fluoranthene	19.316	202	70390	0.377	ng	100
30) Pyrene	19.678	202	70623	0.388	ng	100
32) Benzo(a)anthracene	21.429	228	69564	0.374	ng	99
33) Chrysene	21.482	228	72457	0.368	ng	100
34) Bis(2-ethylhexyl)phtha...	21.355	149	26865	0.542	ng	99
36) Indeno(1,2,3-cd)pyrene	26.315	276	64546	0.317	ng	100
37) Benzo(b)fluoranthene	23.111	252	71288	0.370	ng	98
38) Benzo(k)fluoranthene	23.156	252	64578	0.360	ng	99
39) Benzo(a)pyrene	23.731	252	61518	0.370	ng	98
40) Dibenzo(a,h)anthracene	26.336	278	51406	0.305	ng	100
41) Benzo(g,h,i)perylene	27.075	276	56461	0.324	ng	99

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

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