Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016435.D
Acq On : 24 Sep 2021 11:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 24 11:46:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	21424	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	91928	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	46355	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	88299	0.40	ng	0.00
29) Chrysene-d12	21.259	240	82783	0.40	ng	# 0.01
35) Perylene-d12	23.522	264	70628	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	16513	0.34	ng	0.00
5) Phenol-d6	6.840	99	19154	0.34	ng	0.00
8) Nitrobenzene-d5	8.810	82	26033	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	51136	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3679	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	72111	0.37	ng	-0.01
27) Fluoranthene-d10	19.088	212	87314	0.36	ng	0.00
31) Terphenyl-d14	19.703	244	74396	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3756	0.41	ng	# 94
3) n-Nitrosodimethylamine	3.622	42	9120	0.41	ng	# 69
6) bis(2-Chloroethyl)ether	7.108	93	23079	0.40	ng	93
9) Naphthalene	10.483	128	91534	0.37	ng	99
10) Hexachlorobutadiene	10.774	225	18895	0.39	ng	# 99
12) 2-Methylnaphthalene	12.101	142	59358	0.38	ng	98
16) Acenaphthylene	14.015	152	71059	0.38	ng	99
17) Acenaphthene	14.358	154	49611	0.37	ng	98
18) Fluorene	15.347	166	59016	0.37	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	2231	0.36	ng	# 70
21) 4-Bromophenyl-phenylether	16.251	248	18783	0.36	ng	97
22) Hexachlorobenzene	16.348	284	19464	0.38	ng	# 89
23) Atrazine	16.519	200	10434	0.35	ng	# 91
24) Pentachlorophenol	16.701	266	4498	0.42	ng	99
25) Phenanthrene	17.091	178	97011	0.37	ng	99
26) Anthracene	17.176	178	75735	0.35	ng	99
28) Fluoranthene	19.118	202	108021	0.38	ng	99
30) Pyrene	19.480	202	102091	0.39	ng	99
32) Benzo(a)anthracene	21.238	228	89761	0.37	ng	99
33) Chrysene	21.291	228	102273	0.40	ng	100
34) Bis(2-ethylhexyl)phtha...	21.196	149	24901	0.38	ng	97
36) Indeno(1,2,3-cd)pyrene	25.819	276	82731	0.36	ng	99
37) Benzo(b)fluoranthene	22.838	252	86860	0.37	ng	98
38) Benzo(k)fluoranthene	22.882	252	90261	0.40	ng	99
39) Benzo(a)pyrene	23.420	252	69518	0.36	ng	97
40) Dibenzo(a,h)anthracene	25.840	278	70710	0.36	ng	95
41) Benzo(g,h,i)perylene	26.514	276	71182	0.36	ng	95

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

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