Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016686.D
Acq On : 03 Oct 2021 00:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 04 03:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31124	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	139923	0.40	ng	0.00
13) Acenaphthene-d10	14.268	164	76454	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	145347	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	142580	0.40	ng	0.00
35) Perylene-d12	23.484	264	149883	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	30693	0.39	ng	0.00
5) Phenol-d6	6.821	99	34242	0.39	ng	0.00
8) Nitrobenzene-d5	8.784	82	34782	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	79151	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	13420	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.885	172	110991	0.36	ng	-0.01
27) Fluoranthene-d10	19.068	212	148352	0.38	ng	0.00
31) Terphenyl-d14	19.678	244	120881	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	5025	0.35	ng	# 78
3) n-Nitrosodimethylamine	3.594	42	8677	0.38	ng	97
6) bis(2-Chloroethyl)ether	7.080	93	32857	0.39	ng	100
9) Naphthalene	10.457	128	140176	0.37	ng	100
10) Hexachlorobutadiene	10.748	225	26882	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	93412	0.38	ng	99
16) Acenaphthylene	13.989	152	123487	0.37	ng	100
17) Acenaphthene	14.332	154	82752	0.37	ng	100
18) Fluorene	15.321	166	100812	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	1737	0.23	ng	96
21) 4-Bromophenyl-phenylether	16.226	248	32404	0.36	ng	94
22) Hexachlorobenzene	16.323	284	37628	0.36	ng	99
23) Atrazine	16.506	200	24060	0.37	ng	98
24) Pentachlorophenol	16.676	266	14052	0.41	ng	100
25) Phenanthrene	17.066	178	159442	0.36	ng	100
26) Anthracene	17.151	178	137079	0.36	ng	100
28) Fluoranthene	19.097	202	181531	0.38	ng	100
30) Pyrene	19.460	202	183708	0.40	ng	100
32) Benzo(a)anthracene	21.216	228	176833	0.40	ng	99
33) Chrysene	21.270	228	176446	0.40	ng	100
34) Bis(2-ethylhexyl)phtha...	21.163	149	96743	0.55	ng	100
36) Indeno(1,2,3-cd)pyrene	25.760	276	196856	0.37	ng	99
37) Benzo(b)fluoranthene	22.806	252	189571	0.39	ng	100
38) Benzo(k)fluoranthene	22.851	252	182242	0.38	ng	# 97
39) Benzo(a)pyrene	23.381	252	171429	0.40	ng	100
40) Dibenzo(a,h)anthracene	25.784	278	157163	0.36	ng	98
41) Benzo(g,h,i)perylene	26.459	276	167429	0.35	ng	100

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

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