Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011950.D
Acq On : 25 Sep 2020 15:12
Operator : CG/JU
Sample : L4125-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-31MS

Quant Time: Sep 25 16:15:34 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	2168	0.40	ng	# 0.00
7) Naphthalene-d8	10.453	136	8826	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	4483	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	8717	0.40	ng	# 0.00
29) Chrysene-d12	21.259	240	8422	0.40	ng	# 0.00
36) Perylene-d12	23.470	264	9143	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2506	0.33	ng	0.00
5) Phenol-d6	6.845	99	3224	0.34	ng	0.00
8) Nitrobenzene-d5	8.818	82	3248	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	5186	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	786	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	6030	0.36	ng	-0.01
27) Fluoranthene-d10	19.092	212	9065	0.35	ng	0.00
31) Terphenyl-d14	19.698	244	7771	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	1128	0.30	ng	# 49
3) n-Nitrosodimethylamine	3.551	42	2141	0.39	ng	# 97
6) bis(2-Chloroethyl)ether	7.103	93	2535	0.31	ng	88
9) Naphthalene	10.504	128	8371	0.33	ng	99
10) Hexachlorobutadiene	10.795	225	1281	0.31	ng	# 98
12) 2-Methylnaphthalene	12.118	142	5299	0.33	ng	96
16) Acenaphthylene	14.027	152	7110	0.33	ng	100
17) Acenaphthene	14.370	154	4841	0.33	ng	96
18) Fluorene	15.359	166	5615	0.31	ng	99
20) 4,6-Dinitro-2-methylph...	15.435	198	623	0.38	ng	# 2
21) 4-Bromophenyl-phenylether	16.250	248	1438	0.31	ng	# 55
22) Hexachlorobenzene	16.372	284	1692	0.31	ng	# 82
23) Atrazine	16.530	200	1418	0.32	ng	98
24) Pentachlorophenol	16.713	266	2655	1.01	ng	98
25) Phenanthrene	17.090	178	8399	0.31	ng	99
26) Anthracene	17.187	178	7777	0.33	ng	100
28) Fluoranthene	19.122	202	9664	0.32	ng	# 95
30) Pyrene	19.484	202	10097	0.32	ng	99
32) Benzo(a)anthracene	21.237	228	8985	0.33	ng	98
33) Chrysene	21.290	228	9181	0.32	ng	98
34) Bis(2-ethylhexyl)phtha...	21.174	149	7444	0.39	ng	# 91
35) Indeno(1,2,3-cd)pyrene	25.688	276	12462	0.38	ng	# 87
37) Benzo(b)fluoranthene	22.806	252	9848	0.31	ng	# 81
38) Benzo(k)fluoranthene	22.851	252	10361	0.30	ng	# 77
39) Benzo(a)pyrene	23.371	252	8786	0.30	ng	# 74
40) Dibenzo(a,h)anthracene	25.698	278	10117	0.34	ng	# 83
41) Benzo(g,h,i)perylene	26.356	276	11316	0.35	ng	# 89

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

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