Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
Data File : BN011917.D
Acq On : 24 Sep 2020 17:09
Operator : CG/JU
Sample : L4082-17MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D1-20200916MSD

Quant Time: Sep 24 18:29:03 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	3716	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	15622	0.40	ng		#-0.01
13) Acenaphthene-d10	14.319	164	8133	0.40	ng		0.00
19) Phenanthrene-d10	17.065	188	16566	0.40	ng		0.00
29) Chrysene-d12	21.258	240	15440	0.40	ng		#-0.01
36) Perylene-d12	23.477	264	15860	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1840	0.14	ng		0.00
5) Phenol-d6	6.853	99	1366	0.08	ng		0.00
8) Nitrobenzene-d5	8.831	82	4193	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.051	152	6482	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	1422	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.936	172	9210	0.30	ng		0.00
27) Fluoranthene-d10	19.097	212	14983	0.31	ng		0.00
31) Terphenyl-d14	19.702	244	14796	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	41308	6.39	ng		98
3) n-Nitrosodimethylamine	3.559	42	845	0.09	ng	#	75
6) bis(2-Chloroethyl)ether	7.111	93	3405	0.24	ng		95
9) Naphthalene	10.503	128	10204	0.23	ng		100
10) Hexachlorobutadiene	10.795	225	1263	0.17	ng	#	99
12) 2-Methylnaphthalene	12.126	142	6489	0.23	ng		98
16) Acenaphthylene	14.027	152	9328	0.24	ng		99
17) Acenaphthene	14.382	154	6148	0.23	ng		93
18) Fluorene	15.372	166	7823	0.24	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	808	0.26	ng	#	30
21) 4-Bromophenyl-phenylether	16.262	248	2090	0.24	ng	#	87
22) Hexachlorobenzene	16.372	284	2362	0.23	ng	#	85
23) Atrazine	16.530	200	2188	0.26	ng		95
24) Pentachlorophenol	16.712	266	3672	0.73	ng		98
25) Phenanthrene	17.102	178	13156	0.26	ng		99
26) Anthracene	17.187	178	11835	0.27	ng		98
28) Fluoranthene	19.127	202	15302	0.27	ng	#	95
30) Pyrene	19.489	202	16072	0.28	ng		99
32) Benzo(a)anthracene	21.248	228	13535	0.27	ng		99
33) Chrysene	21.290	228	14652	0.27	ng		98
34) Bis(2-ethylhexyl)phtha...	21.184	149	10298	0.29	ng	#	92
35) Indeno(1,2,3-cd)pyrene	25.691	276	16750	0.28	ng	#	88
37) Benzo(b)fluoranthene	22.813	252	14103	0.26	ng	#	81
38) Benzo(k)fluoranthene	22.854	252	15357	0.26	ng	#	81
39) Benzo(a)pyrene	23.381	252	12761	0.26	ng	#	74
40) Dibenzo(a,h)anthracene	25.709	278	13989	0.27	ng	#	85
41) Benzo(g,h,i)perylene	26.366	276	15257	0.27	ng	#	89

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

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