Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011945.D
Acq On : 25 Sep 2020 11:18
Operator : CG/JU
Sample : L4082-16MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D1-20200916MS

Quant Time: Sep 25 11:48:24 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	7.683	152	2135	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	9134	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	4886	0.40	ng		0.00
19) Phenanthrene-d10	17.054	188	9685	0.40	ng		# 0.00
29) Chrysene-d12	21.248	240	8940	0.40	ng		#-0.01
36) Perylene-d12	23.467	264	9181	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1035	0.14	ng		0.00
5) Phenol-d6	6.854	99	779	0.08	ng		0.00
8) Nitrobenzene-d5	8.818	82	2584	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	3795	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	916	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	5529	0.30	ng		0.00
27) Fluoranthene-d10	19.092	212	8783	0.31	ng		0.00
31) Terphenyl-d14	19.698	244	8741	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	27947	7.52	ng		93
3) n-Nitrosodimethylamine	3.560	42	623	0.12	ng	#	96
6) bis(2-Chloroethyl)ether	7.111	93	1933	0.24	ng		91
9) Naphthalene	10.504	128	5933	0.23	ng		98
10) Hexachlorobutadiene	10.795	225	757	0.18	ng	#	97
12) 2-Methylnaphthalene	12.122	142	3860	0.23	ng		95
16) Acenaphthylene	14.027	152	5593	0.24	ng		99
17) Acenaphthene	14.370	154	3596	0.22	ng		90
18) Fluorene	15.359	166	4608	0.23	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	499	0.27	ng	#	17
21) 4-Bromophenyl-phenylether	16.250	248	1218	0.24	ng	#	54
22) Hexachlorobenzene	16.372	284	1415	0.24	ng	#	77
23) Atrazine	16.530	200	1336	0.27	ng		97
24) Pentachlorophenol	16.713	266	2250	0.77	ng		97
25) Phenanthrene	17.102	178	7716	0.26	ng		98
26) Anthracene	17.187	178	7031	0.27	ng		99
28) Fluoranthene	19.122	202	8951	0.27	ng	#	95
30) Pyrene	19.484	202	9437	0.28	ng		99
32) Benzo(a)anthracene	21.238	228	7663	0.27	ng		98
33) Chrysene	21.291	228	8813	0.29	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	6349	0.31	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.681	276	9702	0.28	ng	#	89
37) Benzo(b)fluoranthene	22.806	252	8270	0.26	ng	#	78
38) Benzo(k)fluoranthene	22.847	252	9065	0.27	ng	#	80
39) Benzo(a)pyrene	23.371	252	7644	0.26	ng	#	66
40) Dibenzo(a,h)anthracene	25.695	278	7879	0.26	ng	#	83
41) Benzo(g,h,i)perylene	26.359	276	8728	0.27	ng	#	90

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

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