Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011946.D
Acq On : 25 Sep 2020 11:54
Operator : CG/JU
Sample : L4082-17MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D1-20200916MSD

Quant Time: Sep 25 12:26:57 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	2335	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	9721	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	5070	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	10429	0.40	ng		# 0.00
29) Chrysene-d12	21.259	240	9623	0.40	ng		# 0.00
36) Perylene-d12	23.470	264	9846	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1154	0.14	ng		0.00
5) Phenol-d6	6.853	99	887	0.09	ng		0.00
8) Nitrobenzene-d5	8.818	82	2808	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	4052	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	976	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	5841	0.30	ng		0.00
27) Fluoranthene-d10	19.092	212	9349	0.31	ng		0.00
31) Terphenyl-d14	19.698	244	9401	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	29747	7.32	ng		93
3) n-Nitrosodimethylamine	3.559	42	577	0.10	ng	#	85
6) bis(2-Chloroethyl)ether	7.111	93	2082	0.24	ng		90
9) Naphthalene	10.504	128	6349	0.23	ng		99
10) Hexachlorobutadiene	10.795	225	825	0.18	ng	#	96
12) 2-Methylnaphthalene	12.122	142	4078	0.23	ng		94
16) Acenaphthylene	14.027	152	5866	0.24	ng		100
17) Acenaphthene	14.370	154	3894	0.23	ng		92
18) Fluorene	15.359	166	4916	0.24	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	558	0.28	ng	#	9
21) 4-Bromophenyl-phenylether	16.250	248	1329	0.24	ng	#	53
22) Hexachlorobenzene	16.372	284	1513	0.23	ng	#	82
23) Atrazine	16.530	200	1402	0.26	ng		97
24) Pentachlorophenol	16.713	266	2464	0.78	ng		97
25) Phenanthrene	17.102	178	8329	0.26	ng		99
26) Anthracene	17.187	178	7504	0.27	ng		99
28) Fluoranthene	19.122	202	9595	0.27	ng	#	95
30) Pyrene	19.484	202	10154	0.28	ng		99
32) Benzo(a)anthracene	21.237	228	8598	0.28	ng		98
33) Chrysene	21.290	228	8873	0.27	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	7046	0.32	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.685	276	10335	0.27	ng	#	90
37) Benzo(b)fluoranthene	22.806	252	8987	0.27	ng	#	77
38) Benzo(k)fluoranthene	22.851	252	9360	0.26	ng	#	81
39) Benzo(a)pyrene	23.374	252	8064	0.26	ng	#	68
40) Dibenzo(a,h)anthracene	25.698	278	8650	0.27	ng	#	84
41) Benzo(g,h,i)perylene	26.359	276	9156	0.26	ng	#	91

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

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