Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
Data File : BN012133.D
Acq On : 09 Oct 2020 21:30
Operator : CG/JU
Sample : L4342-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1MS

Manual Integrations APPROVED
mohammad
10/12/2020 11:35:51 AM

Quant Time: Oct 10 01:58:09 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 Oct 09 18:10:29 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	2329	0.40	ng		0.00
7) Naphthalene-d8	10.415	136	9405	0.40	ng		0.00
13) Acenaphthene-d10	14.268	164	4710	0.40	ng		-0.01
19) Phenanthrene-d10	17.017	188	9476	0.40	ng		#-0.01
29) Chrysene-d12	21.227	240	9129	0.40	ng		# 0.00
36) Perylene-d12	23.429	264	3313	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.251	112	2770	0.34	ng		0.00
5) Phenol-d6	6.813	99	3406	0.33	ng		0.00
8) Nitrobenzene-d5	8.780	82	4281	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.006	152	7201	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	942	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	7958	0.45	ng		0.00
27) Fluoranthene-d10	19.062	212	9391	0.34	ng		0.00
31) Terphenyl-d14	19.668	244	10051	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.213	88	1175	0.29	ng	#	66
3) n-Nitrosodimethylamine	3.519	42	2225	0.38	ng		97
6) bis(2-Chloroethyl)ether	7.071	93	2877	0.33	ng		96
9) Naphthalene	10.453	128	8764	0.33	ng		98
10) Hexachlorobutadiene	10.744	225	1548	0.35	ng	#	99
12) 2-Methylnaphthalene	12.082	142	5695	0.33	ng		98
16) Acenaphthylene	13.989	152	6701	0.30	ng		100
17) Acenaphthene	14.331	154	4804	0.31	ng		91
18) Fluorene	15.334	166	6065	0.32	ng		99
20) 4,6-Dinitro-2-methylph...	15.423	198	702	0.39	ng	#	52
21) 4-Bromophenyl-phenylether	16.226	248	1650	0.33	ng	#	86
22) Hexachlorobenzene	16.335	284	2037	0.35	ng	#	87
23) Atrazine	16.506	200	380	0.08	ng	#	79
24) Pentachlorophenol	16.676	266	3182	1.11	ng		99
25) Phenanthrene	17.066	178	9008	0.31	ng		99
26) Anthracene	17.151	178	7750	0.30	ng		98
28) Fluoranthene	19.092	202	10706	0.33	ng	#	97
30) Pyrene	19.454	202	9543	0.28	ng		100
32) Benzo(a)anthracene	21.216	228	9798	0.33	ng		99
33) Chrysene	21.259	228	10702	0.34	ng		98
34) Bis(2-ethylhexyl)phtha...	21.152	149	8525	0.41	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.623	276	11754	0.33	ng	#	93
37) Benzo(b)fluoranthene	22.768	252	10120	0.89	ng	#	80
38) Benzo(k)fluoranthene	22.813	252	10314m	0.84	ng		
39) Benzo(a)pyrene	23.333	252	6694	0.64	ng	#	61
40) Dibenzo(a,h)anthracene	25.633	278	11381	1.05	ng	#	86
41) Benzo(g,h,i)perylene	26.287	276	10293	0.88	ng	#	90

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

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