Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
Data File : BN012134.D
Acq On : 09 Oct 2020 22:06
Operator : CG/JU
Sample : L4342-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/12/2020 11:35:54 AM

Quant Time: Oct 10 01:58:23 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	7.635	152	2302	0.40	ng		0.00
7) Naphthalene-d8	10.415	136	9241	0.40	ng		0.00
13) Acenaphthene-d10	14.268	164	4456	0.40	ng		-0.01
19) Phenanthrene-d10	17.017	188	9095	0.40	ng		#-0.01
29) Chrysene-d12	21.227	240	8471	0.40	ng		# 0.00
36) Perylene-d12	23.426	264	2112	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.251	112	2581	0.32	ng		0.00
5) Phenol-d6	6.813	99	3228	0.32	ng		0.00
8) Nitrobenzene-d5	8.780	82	4118	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	4964	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	911	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	7622	0.45	ng		0.00
27) Fluoranthene-d10	19.062	212	8783	0.33	ng		0.00
31) Terphenyl-d14	19.668	244	9949	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.213	88	1169	0.29	ng	#	69
3) n-Nitrosodimethylamine	3.519	42	2247	0.39	ng	#	90
6) bis(2-Chloroethyl)ether	7.071	93	2765	0.32	ng		93
9) Naphthalene	10.453	128	8869	0.33	ng		99
10) Hexachlorobutadiene	10.744	225	1529	0.35	ng	#	98
12) 2-Methylnaphthalene	12.082	142	5717	0.34	ng		96
16) Acenaphthylene	13.989	152	6255	0.29	ng		99
17) Acenaphthene	14.332	154	4677	0.32	ng		91
18) Fluorene	15.334	166	5893	0.33	ng		98
20) 4,6-Dinitro-2-methylph...	15.423	198	685	0.40	ng	#	48
21) 4-Bromophenyl-phenylether	16.226	248	1644	0.34	ng	#	83
22) Hexachlorobenzene	16.335	284	2005	0.36	ng	#	89
24) Pentachlorophenol	16.676	266	3286	1.20	ng		98
25) Phenanthrene	17.066	178	8867	0.32	ng		99
26) Anthracene	17.151	178	7591	0.31	ng		99
28) Fluoranthene	19.092	202	10342	0.33	ng	#	97
30) Pyrene	19.454	202	8232	0.26	ng		100
32) Benzo(a)anthracene	21.206	228	9456	0.35	ng		97
33) Chrysene	21.259	228	10503	0.36	ng		98
34) Bis(2-ethylhexyl)phtha...	21.152	149	7769	0.40	ng	#	92
35) Indeno(1,2,3-cd)pyrene	25.623	276	10435	0.31	ng	#	95
37) Benzo(b)fluoranthene	22.768	252	10164	1.41	ng	#	80
38) Benzo(k)fluoranthene	22.813	252	9171m	1.17	ng		
39) Benzo(a)pyrene	23.330	252	5901	0.89	ng	#	58
40) Dibenzo(a,h)anthracene	25.637	278	10793	1.57	ng	#	85
41) Benzo(g,h,i)perylene	26.294	276	9230	1.24	ng	#	90

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

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