Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100235.D
Acq On : 28 Jun 2019 15:23
Operator : JU/SJ
Sample : K2241-02
Misc : LOO-S-0.2PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Manual Integrations APPROVED
mohammad
7/1/2019 3:06:43 PM

Quant Time: Jun 29 00:22:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	460	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	1636	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	1362	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	4180	0.40	ng		0.01
27) Chrysene-d12	21.24	240	6276	0.40	ng		0.00
34) Perylene-d12	23.67	264	7600	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	507	0.43	ng		0.00
5) Phenol-d6	6.85	99	642	0.42	ng		0.01
8) Nitrobenzene-d5	8.83	82	605	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.06	152	1265	0.41	ng		0.01
14) 2,4,6-Tribromophenol	15.84	330	357	0.37	ng		0.01
15) 2-Fluorobiphenyl	12.96	172	2152	0.41	ng		0.01
25) Fluoranthene-d10	19.10	212	24980	0.41	ng		0.00
29) Terphenyl-d14	19.70	244	5499	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	182	0.255	ng		90
3) n-Nitrosodimethylamine	3.51	42	71m	0.213	ng		
6) bis(2-Chloroethyl)ether	7.10	93	179	0.141	ng	#	91
9) Naphthalene	10.50	128	3582	0.199	ng	#	94
10) Hexachlorobutadiene	10.76	225	337	0.194	ng		96
12) 2-Methylnaphthalene	12.14	142	555	0.175	ng		95
16) Acenaphthylene	14.05	152	1242	0.190	ng		99
17) Acenaphthene	14.38	154	707	0.191	ng		98
18) Fluorene	15.37	166	1018	0.186	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	492	0.184	ng	#	87
21) Hexachlorobenzene	16.37	284	516	0.186	ng		99
22) Pentachlorophenol	16.79	266	253	0.304	ng		91
23) Phenanthrene	17.11	178	1870	0.185	ng		99
24) Anthracene	17.20	178	1573	0.172	ng		99
26) Fluoranthene	19.13	202	3091	0.192	ng		98
28) Pyrene	19.49	202	3201	0.193	ng		99
30) Benzo(a)anthracene	21.23	228	3722	0.180	ng		98
31) Chrysene	21.28	228	4104	0.198	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	5123	0.118	ng		97
33) Indeno(1,2,3-cd)pyrene	26.22	276	4906	0.179	ng		98
35) Benzo(b)fluoranthene	22.93	252	3841m	0.186	ng		
36) Benzo(k)fluoranthene	22.97	252	4348	0.189	ng	#	95
37) Benzo(a)pyrene	23.56	252	4166	0.202	ng	#	84
38) Dibenzo(a,h)anthracene	26.25	278	3957	0.183	ng	#	91
39) Benzo(g,h,i)perylene	27.01	276	4298	0.194	ng		97

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

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