Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099930.D
Acq On : 11 Jun 2019 18:45
Operator : JU/SJ
Sample : K2241-03
Misc : MDL-SOIL-0.1PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/14/2019 8:37:47 AM

Quant Time: Jun 12 16:40:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	619	0.40	ng		-0.02
7) Naphthalene-d8	10.60	136	2225	0.40	ng		0.00
13) Acenaphthene-d10	14.44	164	1920	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	6586	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	7761	0.40	ng		-0.04
34) Perylene-d12	23.86	264	9064	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1491	0.89	ng		0.00
5) Phenol-d6	6.96	99	1853	0.86	ng		0.00
8) Nitrobenzene-d5	8.98	82	1239	0.59	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1530	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	834	0.59	ng		-0.03
15) 2-Fluorobiphenyl	13.09	172	4862	0.67	ng		-0.01
25) Fluoranthene-d10	19.22	212	33735	0.35	ng		-0.03
29) Terphenyl-d14	19.82	244	12909	0.92	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	104	0.114	ng	#	84
3) n-Nitrosodimethylamine	3.63	42	61m	0.115	ng		
6) bis(2-Chloroethyl)ether	7.23	93	187	0.106	ng	#	58
9) Naphthalene	10.64	128	2943	0.123	ng	#	91
10) Hexachlorobutadiene	10.90	225	235	0.128	ng		96
12) 2-Methylnaphthalene	12.28	142	468	0.120	ng		91
16) Acenaphthylene	14.17	152	1053	0.110	ng		98
17) Acenaphthene	14.51	154	574	0.110	ng		98
18) Fluorene	15.49	166	907	0.116	ng		97
20) 4-Bromophenyl-phenylether	16.39	248	404	0.108	ng	#	90
21) Hexachlorobenzene	16.49	284	447	0.117	ng		98
22) Pentachlorophenol	16.92	266	81	0.344	ng		91
23) Phenanthrene	17.23	178	1737	0.109	ng		99
24) Anthracene	17.32	178	1220	0.083	ng		96
26) Fluoranthene	19.25	202	2871	0.106	ng		98
28) Pyrene	19.61	202	2848	0.140	ng		98
30) Benzo(a)anthracene	21.35	228	2372	0.102	ng		93
31) Chrysene	21.40	228	3123	0.130	ng		96
32) Bis(2-ethylhexyl)phthalate	21.26	149	3471	0.104	ng		99
33) Indeno(1,2,3-cd)pyrene	26.53	276	2951	0.104	ng	#	89
35) Benzo(b)fluoranthene	23.10	252	2678	0.105	ng	#	84
36) Benzo(k)fluoranthene	23.15	252	3081	0.116	ng	#	85
37) Benzo(a)pyrene	23.76	252	2815	0.113	ng	#	76
38) Dibenzo(a,h)anthracene	26.55	278	2505m	0.099	ng		
39) Benzo(g,h,i)perylene	27.34	276	2933	0.113	ng	#	87

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

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