Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040319\
Data File : BE099289.D
Acq On : 3 Apr 2019 13:45
Operator : JU/SJ
Sample : K1560-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-MDL-SOIL-03-QT1-2019

Quant Time: Apr 04 03:42:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3201	0.40	ng		-0.03
7) Naphthalene-d8	10.61	136	11925	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	7828	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	23693	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	33039	0.40	ng		-0.02
34) Perylene-d12	23.86	264	34116	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	3234	0.38	ng		-0.03
5) Phenol-d6	6.97	99	4310	0.37	ng		-0.01
8) Nitrobenzene-d5	8.98	82	3073	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7325	0.35	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	1100	0.30	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	12266	0.40	ng		-0.01
25) Fluoranthene-d10	19.22	212	109093	0.35	ng		-0.02
29) Terphenyl-d14	19.82	244	26154	0.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	587	0.135	ng	#	84
3) n-Nitrosodimethylamine	3.67	42	142	0.055	ng	#	67
6) bis(2-Chloroethyl)ether	7.24	93	1012	0.097	ng	#	86
9) Naphthalene	10.65	128	12203	0.094	ng		98
10) Hexachlorobutadiene	10.94	225	774	0.092	ng		97
12) 2-Methylnaphthalene	12.28	142	2000	0.091	ng		100
16) Acenaphthylene	14.18	152	3160	0.085	ng		99
17) Acenaphthene	14.53	154	2037	0.093	ng		97
18) Fluorene	15.49	166	2857	0.090	ng		97
20) 4-Bromophenyl-phenylether	16.39	248	1181	0.088	ng	#	84
21) Hexachlorobenzene	16.49	284	1202	0.094	ng		97
22) Pentachlorophenol	16.84	266	287	0.054	ng		98
23) Phenanthrene	17.23	178	5924	0.097	ng		98
24) Anthracene	17.32	178	4785	0.083	ng		100
26) Fluoranthene	19.25	202	8245	0.091	ng		99
28) Pyrene	19.61	202	8351	0.096	ng		100
30) Benzo(a)anthracene	21.34	228	9178	0.088	ng		96
31) Chrysene	21.40	228	9818	0.096	ng		98
32) Bis(2-ethylhexyl)phthalate	21.27	149	9079	0.068	ng		99
33) Indeno(1,2,3-cd)pyrene	26.51	276	10269	0.088	ng		98
35) Benzo(b)fluoranthene	23.09	252	9267	0.091	ng	#	93
36) Benzo(k)fluoranthene	23.15	252	9143	0.092	ng	#	94
37) Benzo(a)pyrene	23.75	252	8172	0.085	ng	#	90
38) Dibenzo(a,h)anthracene	26.54	278	8422	0.088	ng		95
39) Benzo(g,h,i)perylene	27.31	276	8725	0.092	ng		97

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

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