Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099280.D
Acq On : 2 Apr 2019 18:49
Operator : JU/SJ
Sample : K1560-02
Misc : LOQ 0.2 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL-02-QT1-2019

Quant Time: Apr 03 05:17:40 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	7.82	152	3549	0.40	ng		-0.02
7) Naphthalene-d8	10.61	136	12543	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	8275	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	24579	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	35572	0.40	ng		-0.02
34) Perylene-d12	23.86	264	37593	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3320	0.35	ng		-0.02
5) Phenol-d6	6.97	99	4476	0.35	ng		-0.02
8) Nitrobenzene-d5	8.98	82	3217	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7709	0.35	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	1219	0.32	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	12500	0.38	ng		-0.01
25) Fluoranthene-d10	19.22	212	111631	0.34	ng		-0.02
29) Terphenyl-d14	19.82	244	25394	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	908	0.188	ng	#	79
3) n-Nitrosodimethylamine	3.66	42	428	0.150	ng	#	92
6) bis(2-Chloroethyl)ether	7.24	93	2156	0.185	ng		100
9) Naphthalene	10.65	128	26966	0.198	ng		99
10) Hexachlorobutadiene	10.94	225	1793	0.202	ng		98
12) 2-Methylnaphthalene	12.28	142	4564	0.197	ng		95
16) Acenaphthylene	14.18	152	6988	0.178	ng		98
17) Acenaphthene	14.53	154	4564	0.197	ng		99
18) Fluorene	15.49	166	6413	0.192	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	2634	0.189	ng	#	83
21) Hexachlorobenzene	16.49	284	2516	0.189	ng		98
22) Pentachlorophenol	16.84	266	761	0.138	ng		98
23) Phenanthrene	17.23	178	12580	0.198	ng		99
24) Anthracene	17.32	178	10993	0.183	ng		99
26) Fluoranthene	19.25	202	17932	0.191	ng		99
28) Pyrene	19.61	202	17977	0.191	ng		99
30) Benzo(a)anthracene	21.34	228	20668	0.185	ng		99
31) Chrysene	21.40	228	21386	0.195	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	19476	0.136	ng		100
33) Indeno(1,2,3-cd)pyrene	26.49	276	24396	0.194	ng	#	88
35) Benzo(b)fluoranthene	23.09	252	21271	0.190	ng		98
36) Benzo(k)fluoranthene	23.14	252	20416	0.187	ng		98
37) Benzo(a)pyrene	23.75	252	18899	0.179	ng		98
38) Dibenzo(a,h)anthracene	26.53	278	20093	0.192	ng		97
39) Benzo(g,h,i)perylene	27.31	276	20288	0.194	ng		98

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

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