Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099279.D
Acq On : 2 Apr 2019 18:10
Operator : JU/SJ
Sample : K1560-01
Misc : LOD 0.1 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Manual Integrations APPROVED
Sohil
4/4/2019 5:33:44 PM

Quant Time: Apr 03 05:27:37 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	3199	0.40	ng		-0.02
7) Naphthalene-d8	10.61	136	11505	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	7666	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	23085	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	32807	0.40	ng		-0.02
34) Perylene-d12	23.87	264	35289	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3294	0.39	ng		-0.02
5) Phenol-d6	6.98	99	4410	0.38	ng		-0.01
8) Nitrobenzene-d5	8.98	82	3050	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7143	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	1149	0.33	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	11649	0.39	ng		-0.01
25) Fluoranthene-d10	19.22	212	105272	0.35	ng		-0.02
29) Terphenyl-d14	19.82	244	25378	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	504	0.116	ng	#	89
3) n-Nitrosodimethylamine	3.68	42	217	0.084	ng	#	78
6) bis(2-Chloroethyl)ether	7.24	93	981	0.094	ng		94
9) Naphthalene	10.65	128	11929	0.095	ng	#	98
10) Hexachlorobutadiene	10.94	225	757	0.093	ng		95
12) 2-Methylnaphthalene	12.28	142	1972	0.093	ng		95
16) Acenaphthylene	14.18	152	3244	0.089	ng		98
17) Acenaphthene	14.53	154	2068	0.096	ng		94
18) Fluorene	15.49	166	2898	0.094	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	1182	0.090	ng	#	75
21) Hexachlorobenzene	16.49	284	1148	0.092	ng		95
22) Pentachlorophenol	16.84	266	319	0.062	ng		99
23) Phenanthrene	17.23	178	5656	0.095	ng		99
24) Anthracene	17.32	178	4793	0.085	ng		98
26) Fluoranthene	19.25	202	8089	0.092	ng		99
28) Pyrene	19.61	202	8071	0.093	ng		100
30) Benzo(a)anthracene	21.34	228	9511	0.092	ng		97
31) Chrysene	21.40	228	9608	0.095	ng		98
32) Bis(2-ethylhexyl)phthalate	21.27	149	10989	0.083	ng		98
33) Indeno(1,2,3-cd)pyrene	26.50	276	11160	0.096	ng		97
35) Benzo(b)fluoranthene	23.09	252	9608m	0.091	ng		
36) Benzo(k)fluoranthene	23.14	252	9344	0.091	ng	#	94
37) Benzo(a)pyrene	23.75	252	8720	0.088	ng	#	94
38) Dibenzo(a,h)anthracene	26.53	278	9006	0.091	ng	#	94
39) Benzo(g,h,i)perylene	27.32	276	9294	0.095	ng		99

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

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