Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008903.D
Acq On : 10 Dec 2019 13:14
Operator : JU
Sample : K5111-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2019

Quant Time: Dec 10 15:03:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2772	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	11095	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8202	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	19667	0.40	ng		0.00
27) Chrysene-d12	21.13	240	18931	0.40	ng		0.00
34) Perylene-d12	23.28	264	18313	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2678	0.38	ng		0.00
5) Phenol-d6	6.75	99	3627	0.37	ng		0.00
8) Nitrobenzene-d5	8.69	82	3342	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	7090	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1293	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	11373	0.37	ng		0.00
25) Fluoranthene-d10	18.97	212	21068	0.35	ng		0.00
29) Terphenyl-d14	19.58	244	17331	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	197	0.076	ng	#	85
3) n-Nitrosodimethylamine	3.55	42	192	0.053	ng	#	97
6) bis(2-Chloroethyl)ether	7.00	93	710	0.077	ng		92
9) Naphthalene	10.37	128	2704	0.089	ng	#	94
10) Hexachlorobutadiene	10.67	225	489	0.084	ng	#	99
12) 2-Methylnaphthalene	11.99	142	2044	0.091	ng		96
16) Acenaphthylene	13.90	152	3106	0.083	ng		99
17) Acenaphthene	14.25	154	2139	0.086	ng		98
18) Fluorene	15.24	166	2914	0.087	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	982	0.083	ng		92
21) Hexachlorobenzene	16.25	284	1084	0.081	ng		99
22) Pentachlorophenol	16.60	266	400	0.083	ng		91
23) Phenanthrene	16.97	178	5133	0.083	ng		99
24) Anthracene	17.06	178	4402	0.081	ng		100
26) Fluoranthene	19.00	202	6083	0.083	ng		99
28) Pyrene	19.36	202	6036	0.091	ng		99
30) Benzo(a)anthracene	21.12	228	5742	0.086	ng		99
31) Chrysene	21.17	228	6185	0.089	ng		98
32) Bis(2-ethylhexyl)phthalate	21.08	149	2347	0.075	ng		98
33) Indeno(1,2,3-cd)pyrene	25.39	276	5630	0.076	ng		99
35) Benzo(b)fluoranthene	22.65	252	5808	0.089	ng	#	75
36) Benzo(k)fluoranthene	22.69	252	5920	0.090	ng	#	74
37) Benzo(a)pyrene	23.19	252	4752	0.081	ng	#	65
38) Dibenzo(a,h)anthracene	25.41	278	4533	0.082	ng	#	83
39) Benzo(g,h,i)perylene	26.03	276	4892	0.090	ng	#	91

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

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