Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003311.D
Acq On : 26 Oct 2018 18:53
Operator : MJ/SJ
Sample : J5164-02
Misc : 0.2 PPM LOO
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2018

Quant Time: Oct 29 16:38:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12186	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	50797	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	29760	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	72827	0.40	ng		0.00
27) Chrysene-d12	21.42	240	78915	0.40	ng		0.00
34) Perylene-d12	23.74	264	73205	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	11687	0.39	ng		0.00
5) Phenol-d6	7.02	99	14459	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	9858	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	32477	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	3872	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	53116	0.41	ng		-0.01
25) Fluoranthene-d10	19.27	212	78565	0.37	ng		0.00
29) Terphenyl-d14	19.87	244	72123	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2874	0.182	ng		97
3) n-Nitrosodimethylamine	3.70	42	1090	0.150	ng	#	97
6) bis(2-Chloroethyl)ether	7.30	93	5757	0.169	ng		95
9) Naphthalene	10.71	128	22209	0.179	ng		99
10) Hexachlorobutadiene	10.99	225	4146	0.183	ng	#	100
12) 2-Methylnaphthalene	12.32	142	15140	0.174	ng		99
16) Acenaphthylene	14.22	152	20176	0.152	ng		99
17) Acenaphthene	14.56	154	15498	0.169	ng		98
18) Fluorene	15.55	166	19115	0.166	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	7118	0.169	ng	#	73
21) Hexachlorobenzene	16.54	284	7895	0.178	ng		99
22) Pentachlorophenol	16.88	266	1807	0.150	ng		97
23) Phenanthrene	17.28	178	33786	0.169	ng		100
24) Anthracene	17.38	178	26066	0.152	ng		100
26) Fluoranthene	19.29	202	37623	0.164	ng		100
28) Pyrene	19.66	202	37738	0.173	ng		100
30) Benzo(a)anthracene	21.41	228	31247	0.151	ng		99
31) Chrysene	21.45	228	39355	0.176	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	8884	0.145	ng		100
33) Indeno(1,2,3-cd)pyrene	26.10	276	38715	0.168	ng		98
35) Benzo(b)fluoranthene	23.03	252	38841	0.170	ng		99
36) Benzo(k)fluoranthene	23.08	252	38138	0.169	ng		96
37) Benzo(a)pyrene	23.64	252	34106	0.164	ng		97
38) Dibenzo(a,h)anthracene	26.13	278	31231	0.161	ng		98
39) Benzo(g,h,i)perylene	26.83	276	32699	0.169	ng		100

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

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