Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010309.D
Acq On : 20 Mar 2020 14:30
Operator : CG/JU
Sample : L1161-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2020

Quant Time: Mar 20 15:19:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3971	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13689	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8135	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19732	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20611	0.40	ng		0.00
34) Perylene-d12	23.36	264	20434	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2943	0.37	ng		0.00
5) Phenol-d6	6.80	99	3646	0.37	ng		0.00
8) Nitrobenzene-d5	8.74	82	3146	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	7488	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	933	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	12030	0.39	ng		0.00
25) Fluoranthene-d10	19.02	212	20028	0.34	ng		0.00
29) Terphenyl-d14	19.63	244	17354	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	253	0.068	ng	#	77
3) n-Nitrosodimethylamine	3.60	42	160	0.051	ng	#	70
6) bis(2-Chloroethyl)ether	7.06	93	814	0.087	ng		96
9) Naphthalene	10.43	128	3008	0.088	ng	#	94
10) Hexachlorobutadiene	10.73	225	700	0.085	ng	#	96
12) 2-Methylnaphthalene	12.05	142	2032	0.086	ng		96
16) Acenaphthylene	13.96	152	2453	0.077	ng		99
17) Acenaphthene	14.30	154	1803	0.079	ng		95
18) Fluorene	15.29	166	2377	0.079	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	893	0.075	ng		98
21) Hexachlorobenzene	16.31	284	1001	0.081	ng		97
22) Pentachlorophenol	16.65	266	664	0.158	ng		98
23) Phenanthrene	17.03	178	4339	0.080	ng		99
24) Anthracene	17.11	178	3500	0.075	ng		98
26) Fluoranthene	19.05	202	5269	0.079	ng		99
28) Pyrene	19.41	202	5103	0.080	ng		99
30) Benzo(a)anthracene	21.17	228	5091	0.078	ng		98
31) Chrysene	21.22	228	5910	0.084	ng		97
32) Bis(2-ethylhexyl)phthalate	21.13	149	1560	0.070	ng		97
33) Indeno(1,2,3-cd)pyrene	25.51	276	5879	0.078	ng		100
35) Benzo(b)fluoranthene	22.71	252	5429	0.078	ng	#	84
36) Benzo(k)fluoranthene	22.76	252	5584	0.079	ng	#	82
37) Benzo(a)pyrene	23.27	252	4200	0.072	ng	#	75
38) Dibenzo(a,h)anthracene	25.52	278	4832	0.076	ng	#	86
39) Benzo(g,h,i)perylene	26.16	276	5276	0.083	ng	#	93

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

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