Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010298.D
Acq On : 19 Mar 2020 21:03
Operator : CG/JU
Sample : L1161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2020

Quant Time: Mar 20 01:24:58 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	3785	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13119	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	7958	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19252	0.40	ng		0.00
27) Chrysene-d12	21.19	240	21347	0.40	ng		0.00
34) Perylene-d12	23.36	264	21469	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2874	0.38	ng		0.00
5) Phenol-d6	6.80	99	3541	0.38	ng		0.00
8) Nitrobenzene-d5	8.74	82	3046	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	7103	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	935	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	11587	0.38	ng		0.00
25) Fluoranthene-d10	19.02	212	19718	0.34	ng		0.00
29) Terphenyl-d14	19.63	244	17279	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	279	0.078	ng	#	92
3) n-Nitrosodimethylamine	3.58	42	179	0.060	ng	#	97
6) bis(2-Chloroethyl)ether	7.06	93	810	0.090	ng		97
9) Naphthalene	10.43	128	2920	0.089	ng	#	94
10) Hexachlorobutadiene	10.73	225	690	0.087	ng	#	98
12) 2-Methylnaphthalene	12.05	142	1979	0.087	ng		95
16) Acenaphthylene	13.96	152	2429	0.078	ng		100
17) Acenaphthene	14.30	154	1780	0.080	ng		95
18) Fluorene	15.29	166	2371	0.080	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	873	0.075	ng		98
21) Hexachlorobenzene	16.31	284	1038	0.087	ng		98
22) Pentachlorophenol	16.65	266	696	0.170	ng		96
23) Phenanthrene	17.03	178	4323	0.082	ng		99
24) Anthracene	17.11	178	3536	0.078	ng		98
26) Fluoranthene	19.05	202	5268	0.081	ng		99
28) Pyrene	19.42	202	5228	0.079	ng		100
30) Benzo(a)anthracene	21.17	228	5432	0.080	ng		99
31) Chrysene	21.22	228	6090	0.084	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	1746	0.076	ng		98
33) Indeno(1,2,3-cd)pyrene	25.51	276	6384	0.082	ng		99
35) Benzo(b)fluoranthene	22.71	252	5448	0.075	ng	#	85
36) Benzo(k)fluoranthene	22.76	252	5788	0.078	ng	#	79
37) Benzo(a)pyrene	23.27	252	4397	0.071	ng	#	76
38) Dibenzo(a,h)anthracene	25.52	278	5310	0.080	ng	#	87
39) Benzo(g,h,i)perylene	26.15	276	5361	0.080	ng		95

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

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