Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070620\
Data File : BN011099.D
Acq On : 06 Jul 2020 10:01
Operator : CG/JU
Sample : L1955-04
Misc : MDL-SOIL-04
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-04

Quant Time: Jul 06 12:32:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 10:52:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2458	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	7255	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3751	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	7534	0.40	ng		0.01
29) Chrysene-d12	21.11	240	6358	0.40	ng		0.01
36) Perylene-d12	23.25	264	6177	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2305	0.38	ng		0.00
5) Phenol-d6	6.72	99	2441	0.35	ng		0.00
8) Nitrobenzene-d5	8.66	82	2068	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	4303	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	528	0.34	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	5649	0.32	ng		0.01
27) Fluoranthene-d10	18.94	212	8190	0.36	ng		0.00
31) Terphenyl-d14	19.55	244	6443	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	158	0.046	ng	#	81
3) n-Nitrosodimethylamine	3.59	42	42	0.024	ng	#	1
6) bis(2-Chloroethyl)ether	6.97	93	597	0.093	ng		89
9) Naphthalene	10.32	128	1829	0.084	ng	#	90
10) Hexachlorobutadiene	10.61	225	447	0.081	ng	#	99
12) 2-Methylnaphthalene	11.94	142	1171	0.081	ng		95
16) Acenaphthylene	13.85	152	1497	0.080	ng		98
17) Acenaphthene	14.20	154	1052	0.083	ng		98
18) Fluorene	15.21	166	1238	0.078	ng		99
20) 4,6-Dinitro-2-methylphenol	15.38	198	53	0.066	ng	#	54
21) 4-Bromophenyl-phenylether	16.11	248	346	0.069	ng		94
22) Hexachlorobenzene	16.20	284	481	0.082	ng		95
23) Atrazine	16.40	200	269	0.076	ng	#	75
24) Pentachlorophenol	16.57	266	290	0.183	ng		99
25) Phenanthrene	16.93	178	1874	0.077	ng		98
26) Anthracene	17.03	178	1527	0.076	ng		97
28) Fluoranthene	18.97	202	2163	0.079	ng		98
30) Pyrene	19.33	202	2163	0.091	ng		99
32) Benzo(a)anthracene	21.09	228	1765	0.083	ng		91
33) Chrysene	21.14	228	2092	0.086	ng		94
34) Bis(2-ethylhexyl)phthalate	21.05	149	1065	0.124	ng		99
35) Indeno(1,2,3-cd)pyrene	25.36	276	1680	0.066	ng	#	95
37) Benzo(b)fluoranthene	22.62	252	1752	0.071	ng	#	62
38) Benzo(k)fluoranthene	22.66	252	1884	0.071	ng	#	63
39) Benzo(a)pyrene	23.16	252	1432	0.067	ng	#	47
40) Dibenzo(a,h)anthracene	25.38	278	1240	0.057	ng	#	44
41) Benzo(g,h,i)perylene	25.98	276	1779	0.074	ng	#	83

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

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