Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070720\
Data File : BN011112.D
Acq On : 07 Jul 2020 11:48
Operator : CG/JU
Sample : L1955-07
Misc : MDL-SOIL-07
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-07

Quant Time: Jul 07 13:25:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 13:23:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1587	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	4975	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	2667	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	5378	0.40	ng		0.01
29) Chrysene-d12	21.11	240	4559	0.40	ng		0.01
36) Perylene-d12	23.25	264	4630	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	1286	0.33	ng		0.00
5) Phenol-d6	6.72	99	1366	0.30	ng		0.00
8) Nitrobenzene-d5	8.67	82	922	0.22	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	2670	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	342	0.31	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	2616	0.21	ng		0.01
27) Fluoranthene-d10	18.94	212	5330	0.33	ng		0.00
31) Terphenyl-d14	19.56	244	3032	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	236	0.105	ng	#	83
3) n-Nitrosodimethylamine	3.59	42	53	0.047	ng	#	75
6) bis(2-Chloroethyl)ether	6.97	93	329	0.080	ng		91
9) Naphthalene	10.30	128	1411	0.095	ng	#	86
10) Hexachlorobutadiene	10.60	225	358	0.095	ng	#	95
12) 2-Methylnaphthalene	11.94	142	885	0.089	ng	#	94
16) Acenaphthylene	13.85	152	1151	0.086	ng		100
17) Acenaphthene	14.20	154	797	0.088	ng		99
18) Fluorene	15.21	166	950	0.084	ng		96
20) 4,6-Dinitro-2-methylphenol	15.35	198	43	0.075	ng	#	51
21) 4-Bromophenyl-phenylether	16.11	248	259	0.072	ng		86
22) Hexachlorobenzene	16.20	284	397	0.094	ng		99
23) Atrazine	16.40	200	245	0.097	ng	#	79
24) Pentachlorophenol	16.57	266	255	0.225	ng	#	84
25) Phenanthrene	16.93	178	1463	0.084	ng		98
26) Anthracene	17.04	178	1203	0.083	ng		99
28) Fluoranthene	18.97	202	1766	0.090	ng		99
30) Pyrene	19.33	202	1698	0.100	ng		99
32) Benzo(a)anthracene	21.10	228	1369	0.090	ng	#	92
33) Chrysene	21.14	228	1736	0.099	ng		94
34) Bis(2-ethylhexyl)phthalate	21.05	149	800	0.130	ng	#	99
35) Indeno(1,2,3-cd)pyrene	25.36	276	1491	0.082	ng	#	89
37) Benzo(b)fluoranthene	22.62	252	1444	0.078	ng	#	61
38) Benzo(k)fluoranthene	22.66	252	1678	0.084	ng	#	59
39) Benzo(a)pyrene	23.17	252	1282	0.080	ng	#	36
40) Dibenzo(a,h)anthracene	25.38	278	958	0.058	ng	#	32
41) Benzo(g,h,i)perylene	25.98	276	1594	0.088	ng	#	83

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

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