Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070620\
Data File : BN011101.D
Acq On : 06 Jul 2020 11:12
Operator : CG/JU
Sample : L1955-05
Misc : MDL-SOIL-05
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-05

Quant Time: Jul 06 12:33:51 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 12:31:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1902	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6082	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3167	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	6503	0.40	ng		0.01
29) Chrysene-d12	21.11	240	5413	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	1725	0.36	ng		0.00
5) Phenol-d6	6.73	99	1746	0.32	ng		0.00
8) Nitrobenzene-d5	8.67	82	1713	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	3261	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	445	0.33	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	4334	0.29	ng		0.01
27) Fluoranthene-d10	18.94	212	6444	0.33	ng		0.00
31) Terphenyl-d14	19.55	244	4929	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	209	0.078	ng		98
3) n-Nitrosodimethylamine	3.61	42	99m	0.073	ng		
6) bis(2-Chloroethyl)ether	6.97	93	425	0.086	ng		89
9) Naphthalene	10.32	128	1582	0.087	ng	#	89
10) Hexachlorobutadiene	10.61	225	390	0.085	ng	#	98
12) 2-Methylnaphthalene	11.94	142	999	0.082	ng	#	91
16) Acenaphthylene	13.85	152	1463	0.092	ng		99
17) Acenaphthene	14.21	154	890	0.083	ng		99
18) Fluorene	15.21	166	1076	0.080	ng		99
20) 4,6-Dinitro-2-methylphenol	15.39	198	37	0.053	ng	#	47
21) 4-Bromophenyl-phenylether	16.11	248	296	0.068	ng		96
22) Hexachlorobenzene	16.20	284	423	0.083	ng		99
23) Atrazine	16.40	200	268	0.088	ng	#	73
24) Pentachlorophenol	16.57	266	230	0.168	ng		93
25) Phenanthrene	16.93	178	1652	0.078	ng		98
26) Anthracene	17.04	178	1321	0.076	ng		98
28) Fluoranthene	18.97	202	1881	0.079	ng		98
30) Pyrene	19.33	202	1895	0.094	ng		99
32) Benzo(a)anthracene	21.09	228	1548	0.086	ng		92
33) Chrysene	21.14	228	1848	0.089	ng		94
34) Bis(2-ethylhexyl)phthalate	21.05	149	868	0.119	ng	#	96
35) Indeno(1,2,3-cd)pyrene	25.36	276	1557	0.072	ng	#	84
37) Benzo(b)fluoranthene	22.62	252	1790	0.072	ng	#	63
38) Benzo(k)fluoranthene	22.66	252	2115	0.080	ng	#	58
39) Benzo(a)pyrene	23.16	252	1672	0.078	ng	#	44
40) Dibenzo(a,h)anthracene	25.39	278	1101	0.050	ng	#	36
41) Benzo(g,h,i)perylene	25.99	276	1646	0.068	ng	#	81

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

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