Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011086.D
Acq On : 02 Jul 2020 15:18
Operator : CG/JU
Sample : L1955-02
Misc : MDL-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-02

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:26 AM

Quant Time: Jul 02 15:57:52 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 Jun 30 14:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1758	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5755	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3059	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	6164	0.40	ng		0.00
29) Chrysene-d12	21.11	240	5289	0.40	ng		0.00
36) Perylene-d12	23.25	264	5327	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1759	0.40	ng		0.00
5) Phenol-d6	6.73	99	1866	0.37	ng		0.00
8) Nitrobenzene-d5	8.67	82	1823	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	3474	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	429	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	4656	0.32	ng		0.00
27) Fluoranthene-d10	18.94	212	6330	0.34	ng		0.00
31) Terphenyl-d14	19.56	244	5167	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	193	0.078	ng	#	88
3) n-Nitrosodimethylamine	3.60	42	123m	0.098	ng		
6) bis(2-Chloroethyl)ether	6.98	93	472	0.103	ng	#	84
9) Naphthalene	10.32	128	1687	0.098	ng	#	88
10) Hexachlorobutadiene	10.61	225	410	0.094	ng	#	98
12) 2-Methylnaphthalene	11.94	142	1131	0.098	ng	#	95
16) Acenaphthylene	13.85	152	1398	0.091	ng		99
17) Acenaphthene	14.21	154	932	0.090	ng		99
18) Fluorene	15.21	166	1135	0.087	ng		100
20) 4,6-Dinitro-2-methylphenol	15.36	198	49	0.074	ng	#	46
21) 4-Bromophenyl-phenylether	16.11	248	363m	0.089	ng		
22) Hexachlorobenzene	16.20	284	424	0.088	ng		96
23) Atrazine	16.40	200	280	0.097	ng	#	77
24) Pentachlorophenol	16.57	266	220	0.169	ng		89
25) Phenanthrene	16.95	178	1745	0.087	ng		99
26) Anthracene	17.04	178	1552	0.094	ng		98
28) Fluoranthene	18.97	202	2017	0.090	ng		99
30) Pyrene	19.33	202	1977	0.100	ng		99
32) Benzo(a)anthracene	21.10	228	1562	0.088	ng		93
33) Chrysene	21.14	228	2075	0.102	ng		93
34) Bis(2-ethylhexyl)phthalate	21.05	149	1038	0.145	ng		99
35) Indeno(1,2,3-cd)pyrene	25.37	276	1800	0.085	ng		98
37) Benzo(b)fluoranthene	22.62	252	1718	0.080	ng	#	61
38) Benzo(k)fluoranthene	22.67	252	2046m	0.090	ng		
39) Benzo(a)pyrene	23.17	252	1552	0.084	ng	#	41
40) Dibenzo(a,h)anthracene	25.38	278	1397	0.074	ng	#	52
41) Benzo(g,h,i)perylene	26.00	276	1848	0.089	ng	#	86

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

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