Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011084.D
Acq On : 02 Jul 2020 13:58
Operator : CG/JU
Sample : L1955-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:23 AM

Quant Time: Jul 02 14:32:09 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	1990	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6449	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3414	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	6770	0.40	ng		0.00
29) Chrysene-d12	21.11	240	5723	0.40	ng		0.00
36) Perylene-d12	23.25	264	5778	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	1955	0.39	ng		0.00
5) Phenol-d6	6.73	99	2011	0.35	ng		0.00
8) Nitrobenzene-d5	8.67	82	1769	0.32	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	3746	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	467	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	5100	0.32	ng		0.00
27) Fluoranthene-d10	18.94	212	7253	0.35	ng		0.00
31) Terphenyl-d14	19.56	244	5628	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	229	0.082	ng		98
3) n-Nitrosodimethylamine	3.61	42	88	0.062	ng	#	95
6) bis(2-Chloroethyl)ether	6.97	93	438	0.085	ng		98
9) Naphthalene	10.32	128	1731	0.090	ng	#	89
10) Hexachlorobutadiene	10.61	225	455	0.093	ng	#	99
12) 2-Methylnaphthalene	11.95	142	1083	0.084	ng		95
16) Acenaphthylene	13.85	152	1431	0.084	ng		97
17) Acenaphthene	14.21	154	958	0.083	ng		99
18) Fluorene	15.21	166	1191	0.082	ng		99
20) 4,6-Dinitro-2-methylphenol	15.36	198	43	0.059	ng	#	14
21) 4-Bromophenyl-phenylether	16.11	248	349m	0.078	ng		
22) Hexachlorobenzene	16.20	284	446	0.084	ng		95
23) Atrazine	16.40	200	309	0.097	ng	#	75
24) Pentachlorophenol	16.57	266	283	0.198	ng		88
25) Phenanthrene	16.93	178	1799	0.082	ng		99
26) Anthracene	17.04	178	1454	0.080	ng		99
28) Fluoranthene	18.97	202	2094	0.085	ng		99
30) Pyrene	19.33	202	2049	0.096	ng		99
32) Benzo(a)anthracene	21.10	228	1641m	0.086	ng		
33) Chrysene	21.15	228	2051	0.093	ng		96
34) Bis(2-ethylhexyl)phthalate	21.05	149	1062	0.137	ng	#	97
35) Indeno(1,2,3-cd)pyrene	25.36	276	1916	0.084	ng	#	86
37) Benzo(b)fluoranthene	22.62	252	1993	0.086	ng	#	64
38) Benzo(k)fluoranthene	22.67	252	2158	0.087	ng	#	62
39) Benzo(a)pyrene	23.16	252	1583	0.079	ng	#	45
40) Dibenzo(a,h)anthracene	25.38	278	1482	0.072	ng	#	50
41) Benzo(g,h,i)perylene	25.99	276	1888	0.084	ng	#	84

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

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