Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102720\
Data File : BN012407.D
Acq On : 27 Oct 2020 12:55
Operator : CG/JU
Sample : L4214-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Quant Time: Oct 27 13:33:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 11:36:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	534	0.40	ng		# 0.00
7) Naphthalene-d8	10.352	136	2086	0.40	ng		# 0.00
13) Acenaphthene-d10	14.217	164	1242	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	2624	0.40	ng		# 0.00
29) Chrysene-d12	21.184	240	2730	0.40	ng		# 0.01
36) Perylene-d12	23.357	264	3211	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	743	0.40	ng		0.00
5) Phenol-d6	6.757	99	846	0.38	ng		0.00
8) Nitrobenzene-d5	8.729	82	952	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.949	152	1628	0.49	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	356	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	1964	0.42	ng		-0.01
27) Fluoranthene-d10	19.013	212	4161	0.51	ng		0.00
31) Terphenyl-d14	19.623	244	3213	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	112	0.13	ng	#	75
3) n-Nitrosodimethylamine	3.495	42	253	0.12	ng	#	71
6) bis(2-Chloroethyl)ether	7.014	93	136	0.09	ng	#	64
9) Naphthalene	10.390	128	699	0.12	ng	#	72
10) Hexachlorobutadiene	10.681	225	149	0.12	ng	#	92
12) 2-Methylnaphthalene	12.024	142	443	0.12	ng	#	85
16) Acenaphthylene	13.938	152	709	0.12	ng		97
17) Acenaphthene	14.281	154	442	0.11	ng		87
18) Fluorene	15.283	166	554	0.11	ng		97
20) 4,6-Dinitro-2-methylph...	15.410	198	51	0.08	ng	#	1
21) 4-Bromophenyl-phenylether	16.177	248	174	0.11	ng	#	87
22) Hexachlorobenzene	16.287	284	221	0.11	ng	#	76
23) Atrazine	16.457	200	168	0.11	ng	#	67
24) Pentachlorophenol	16.640	266	207	0.23	ng		96
25) Phenanthrene	17.017	178	853	0.11	ng		95
26) Anthracene	17.114	178	756	0.11	ng		98
28) Fluoranthene	19.042	202	1101	0.12	ng		99
30) Pyrene	19.410	202	1122	0.12	ng		98
32) Benzo(a)anthracene	21.174	228	941	0.11	ng	#	87
33) Chrysene	21.216	228	951	0.10	ng	#	87
34) Bis(2-ethylhexyl)phtha...	21.099	149	994	0.18	ng		94
35) Indeno(1,2,3-cd)pyrene	25.527	276	1514	0.11	ng	#	91
37) Benzo(b)fluoranthene	22.710	252	1233	0.12	ng	#	42
38) Benzo(k)fluoranthene	22.755	252	1459	0.13	ng	#	47
39) Benzo(a)pyrene	23.265	252	1200	0.12	ng	#	23
40) Dibenzo(a,h)anthracene	25.541	278	1153	0.10	ng	#	30
41) Benzo(g,h,i)perylene	26.184	276	1441	0.12	ng	#	80

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

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