Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091975.D
Acq On : 5 Jul 2016 23:40
Operator : UM/SJ
Sample : H3606-03
Misc : LOD0.1
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-SOIL2016-01

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Quant Time: Jul 06 13:19:22 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21977	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	99895	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	71071	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	158722	5.00	ng		0.00
31) Chrysene-d12	21.76	240	290567	5.00	ng		0.00
40) Perylene-d12	24.18	264	229500	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	34039	6.47	ng		0.00
5) Phenol-d6	7.35	99	45122	6.18	ng		-0.02
9) Nitrobenzene-d5	9.36	82	25180	3.70	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	12481	4.96	ng		0.00
17) 2-Fluorobiphenyl	13.49	172	65858	3.80	ng		0.00
34) Terphenyl-d14	20.22	244	111284	3.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	287	0.10	ng		89
3) n-Nitrosodimethylamine	3.85	42	188	0.08	ng	#	84
6) bis(2-Chloroethyl)ether	7.63	93	365	0.06	ng	#	86
7) n-Nitroso-di-n-propylamine	9.02	70	386	0.06	ng	#	96
10) Nitrobenzene	9.40	77	599	0.08	ng	#	88
11) bis(2-Chloroethoxy)methane	10.50	93	490	0.06	ng	#	17
12) Naphthalene	11.04	128	1732	0.07	ng	#	88
13) Hexachlorobutadiene	11.34	225	265	0.07	ng		97
14) 2-Methylnaphthalene	12.69	142	1039	0.07	ng	#	94
18) Acenaphthylene	14.59	152	5651	0.06	ng	#	67
19) 2,6-Dinitrotoluene	14.47	165	666m	0.16	ng		
20) Acenaphthene	14.92	154	1614	0.08	ng	#	1
21) 2,4-Dinitrotoluene	15.25	165	657m	0.25	ng		
22) Fluorene	15.91	166	1445	0.07	ng		98
23) 4-Chlorophenyl-phenylether	15.91	204	731	0.07	ng		97
25) 4-Bromophenyl-phenylether	16.80	248	444	0.06	ng		99
26) Hexachlorobenzene	16.92	284	500	0.07	ng		96
27) Pentachlorophenol	17.32	266	46m	0.13	ng		
28) Phenanthrene	17.64	178	2996m	0.07	ng		
29) Anthracene	17.73	178	2509	0.06	ng		99
30) Fluoranthene	19.65	202	13391	0.08	ng	#	88
32) Benzidine	19.86	184	478	0.23	ng	#	22
33) Pyrene	20.02	202	13238	0.06	ng	#	80
35) Benzo(a)anthracene	21.73	228	4304m	0.09	ng		
36) 3,3'-Dichlorobenzidine	21.70	252	670	Below Cal		#	88
37) Chrysene	21.79	228	6065m	0.09	ng		
38) Bis(2-ethylhexyl)phthalate	21.64	149	3198m	0.06	ng		
39) Indeno(1,2,3-cd)pyrene	26.70	276	16806	0.06	ng		98
41) Benzo(b)fluoranthene	23.44	252	4056	0.06	ng	#	92
42) Benzo(k)fluoranthene	23.48	252	4036	0.07	ng	#	95
43) Benzo(a)pyrene	24.06	252	3784	0.06	ng	#	92
44) Dibenzo(a,h)anthracene	26.73	278	3337	0.06	ng	#	90
45) Benzo(g,h,i)perylene	27.48	276	15084	0.07	ng		92

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

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