Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091621.D
Acq On : 11 Apr 2016 10:41
Operator : UM/SJ
Sample : H1824-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-SOIL2016-01

Manual Integrations APPROVED
Sohil
4/12/2016 5:29:47 PM

Quant Time: Apr 12 01:55:22 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	47867	5.00	ng		0.00
7) Naphthalene-d8	10.59	136	225618	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	135484	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	344054	5.00	ng		0.00
26) Chrysene-d12	21.31	240	430180	5.00	ng		0.00
35) Perylene-d12	23.76	264	369422	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	80372	7.04	ng		0.00
5) Phenol-d6	6.97	99	114416	7.51	ng		0.00
8) Nitrobenzene-d5	8.96	82	45072	3.44	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	31912	6.48	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	149955	3.98	ng		0.00
29) Terphenyl-d14	19.76	244	233120	4.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	693	0.05	ng	#	74
3) n-Nitrosodimethylamine	3.66	42	453	0.06	ng	#	94
6) bis(2-Chloroethyl)ether	7.23	93	1049	0.08	ng	#	79
9) Nitrobenzene	9.00	77	1248	0.25	ng	#	91
10) Naphthalene	10.63	128	3984	0.09	ng		96
11) Hexachlorobutadiene	10.92	225	550m	0.08	ng		
12) 2-Methylnaphthalene	12.25	142	2534	0.09	ng		98
16) Acenaphthylene	14.13	152	3251m	0.06	ng		
17) Acenaphthene	14.49	154	2757	0.08	ng		86
18) Fluorene	15.47	166	3347	0.08	ng		100
20) 4-Bromophenyl-phenylether	16.34	248	973	0.08	ng		93
21) Hexachlorobenzene	16.46	284	1117	0.09	ng		98
22) Pentachlorophenol	16.81	266	270	0.26	ng		96
23) Phenanthrene	17.19	178	7368	0.09	ng		97
24) Anthracene	17.29	178	5758	0.08	ng		99
25) Fluoranthene	19.21	202	6831	0.08	ng	#	95
27) Benzidine	19.40	184	1467	0.36	ng		94
28) Pyrene	19.57	202	7022	0.08	ng		99
30) Benzo(a)anthracene	21.29	228	9190m	0.10	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	1273	0.18	ng		94
32) Chrysene	21.34	228	9499m	0.11	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	1765	0.29	ng	#	81
34) Indeno(1,2,3-cd)pyrene	26.32	276	8632	0.09	ng		96
36) Benzo(b)fluoranthene	23.00	252	8648	0.10	ng	#	92
37) Benzo(k)fluoranthene	23.06	252	6980	0.08	ng	#	91
38) Benzo(a)pyrene	23.65	252	7198	0.09	ng	#	85
39) Dibenzo(a,h)anthracene	26.35	278	6925	0.09	ng		95
40) Benzo(g,h,i)perylene	27.10	276	7303	0.09	ng		98

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

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