Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
Data File : BE091744.D
Acq On : 3 May 2016 15:31
Operator : UM/SJ
Sample : H1824-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Manual Integrations APPROVED
sohil
5/4/2016 6:49:19 PM

Quant Time: May 04 01:24:41 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	40464	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	179484	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	100070	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	258991	5.00	ng		0.00
26) Chrysene-d12	21.31	240	263380	5.00	ng		0.00
35) Perylene-d12	23.75	264	287880	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	69589	7.00	ng		0.00
5) Phenol-d6	6.95	99	94160	7.14	ng		0.00
8) Nitrobenzene-d5	8.95	82	39011	3.37	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	21492	5.81	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	115072	4.07	ng		0.00
29) Terphenyl-d14	19.76	244	177540	4.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	959	0.10	ng		88
3) n-Nitrosodimethylamine	3.66	42	902	0.12	ng		89
6) bis(2-Chloroethyl)ether	7.21	93	1663	0.14	ng	#	76
9) Nitrobenzene	8.99	77	1823	0.15	ng	#	96
10) Naphthalene	10.61	128	6015	0.17	ng		96
11) Hexachlorobutadiene	10.92	225	861m	0.16	ng		
12) 2-Methylnaphthalene	12.24	142	3674	0.16	ng		98
16) Acenaphthylene	14.12	152	5065m	0.13	ng		
17) Acenaphthene	14.47	154	3951	0.16	ng		86
18) Fluorene	15.46	166	4867	0.16	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	1452	0.16	ng		94
21) Hexachlorobenzene	16.45	284	1565m	0.17	ng		
22) Pentachlorophenol	16.81	266	376	0.17	ng		96
23) Phenanthrene	17.18	178	10223	0.17	ng		98
24) Anthracene	17.28	178	8054	0.15	ng		98
25) Fluoranthene	19.19	202	9550	0.16	ng		97
27) Benzidine	19.40	184	1651	0.24	ng		94
28) Pyrene	19.55	202	10649	0.18	ng		99
30) Benzo(a)anthracene	21.29	228	11674	0.18	ng		94
31) 3,3'-Dichlorobenzidine	21.22	252	6279	0.19	ng	#	82
32) Chrysene	21.33	228	15005m	0.22	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	2604	0.13	ng	#	88
34) Indeno(1,2,3-cd)pyrene	26.31	276	11260	0.19	ng		96
36) Benzo(b)fluoranthene	23.00	252	11518	0.17	ng		96
37) Benzo(k)fluoranthene	23.04	252	10395	0.15	ng		97
38) Benzo(a)pyrene	23.63	252	9885	0.16	ng	#	92
39) Dibenzo(a,h)anthracene	26.33	278	9121	0.15	ng		95
40) Benzo(g,h,i)perylene	27.09	276	9467	0.15	ng		94

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

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