Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041316\
Data File : BE091656.D
Acq On : 13 Apr 2016 14:20
Operator : UM/SJ
Sample : H1824-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
Sohil
4/14/2016 5:31:25 PM

Quant Time: Apr 14 10:33:19 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	7.80	152	34253	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	163588	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	99343	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	254870	5.00	ng		0.00
26) Chrysene-d12	21.31	240	282200	5.00	ng		0.00
35) Perylene-d12	23.75	264	270314	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	60225	7.37	ng		0.00
5) Phenol-d6	6.97	99	85506	7.85	ng		0.00
8) Nitrobenzene-d5	8.96	82	34528	3.63	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	25261	6.98	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	114038	4.13	ng		0.00
29) Terphenyl-d14	19.76	244	179055	5.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	777	0.12	ng		86
3) n-Nitrosodimethylamine	3.66	42	648	0.12	ng	#	99
6) bis(2-Chloroethyl)ether	7.23	93	1381	0.15	ng	#	74
9) Nitrobenzene	8.99	77	1627	0.30	ng	#	96
10) Naphthalene	10.63	128	5677	0.17	ng		98
11) Hexachlorobutadiene	10.92	225	774m	0.16	ng		
12) 2-Methylnaphthalene	12.24	142	3597	0.17	ng		93
16) Acenaphthylene	14.14	152	4954m	0.13	ng		
17) Acenaphthene	14.47	154	3955	0.16	ng		85
18) Fluorene	15.46	166	4896	0.16	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	1424	0.16	ng		97
21) Hexachlorobenzene	16.46	284	1553m	0.17	ng		
22) Pentachlorophenol	16.81	266	355	0.29	ng		97
23) Phenanthrene	17.19	178	10215	0.18	ng		98
24) Anthracene	17.29	178	8115	0.16	ng		99
25) Fluoranthene	19.21	202	9385	0.15	ng		98
27) Benzidine	19.40	184	1756	0.39	ng		94
28) Pyrene	19.55	202	9930	0.18	ng		99
30) Benzo(a)anthracene	21.29	228	11384	0.18	ng		96
31) 3,3'-Dichlorobenzidine	21.24	252	1570	0.20	ng		88
32) Chrysene	21.34	228	13416m	0.23	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	2072	0.31	ng	#	57
34) Indeno(1,2,3-cd)pyrene	26.31	276	10795	0.17	ng		96
36) Benzo(b)fluoranthene	23.00	252	10503	0.17	ng		97
37) Benzo(k)fluoranthene	23.05	252	10519m	0.17	ng		
38) Benzo(a)pyrene	23.63	252	9080	0.16	ng		95
39) Dibenzo(a,h)anthracene	26.34	278	8710	0.15	ng		95
40) Benzo(g,h,i)perylene	27.09	276	9432	0.16	ng		97

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

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