Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091622.D
Acq On : 11 Apr 2016 11:17
Operator : UM/SJ
Sample : H1824-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
Sohil
4/12/2016 5:30:02 PM

Quant Time: Apr 12 01:56:32 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	50125	5.00	ng		-0.02
7) Naphthalene-d8	10.59	136	234855	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	136119	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	343667	5.00	ng		0.00
26) Chrysene-d12	21.31	240	425520	5.00	ng		0.00
35) Perylene-d12	23.76	264	382692	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	90736	7.59	ng		0.00
5) Phenol-d6	6.97	99	128375	8.05	ng		0.00
8) Nitrobenzene-d5	8.96	82	50462	3.70	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	36309	7.31	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	164062	4.33	ng		0.00
29) Terphenyl-d14	19.76	244	270596	5.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1138	0.12	ng		86
3) n-Nitrosodimethylamine	3.66	42	1092	0.14	ng		97
6) bis(2-Chloroethyl)ether	7.23	93	2204	0.16	ng	#	75
9) Nitrobenzene	9.00	77	2455	0.31	ng	#	96
10) Naphthalene	10.63	128	8237	0.17	ng		99
11) Hexachlorobutadiene	10.92	225	1124m	0.16	ng		
12) 2-Methylnaphthalene	12.25	142	5259	0.17	ng		90
16) Acenaphthylene	14.14	152	6920m	0.13	ng		
17) Acenaphthene	14.49	154	5680	0.17	ng		86
18) Fluorene	15.47	166	6869	0.16	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	2042	0.17	ng		95
21) Hexachlorobenzene	16.46	284	2211	0.18	ng		98
22) Pentachlorophenol	16.81	266	496	0.30	ng		99
23) Phenanthrene	17.19	178	14562	0.19	ng		98
24) Anthracene	17.29	178	11726	0.17	ng		99
25) Fluoranthene	19.21	202	13851	0.17	ng		97
27) Benzidine	19.40	184	2685	0.39	ng	#	88
28) Pyrene	19.57	202	14195	0.17	ng		99
30) Benzo(a)anthracene	21.29	228	18938m	0.20	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	2207	0.19	ng	#	88
32) Chrysene	21.34	228	19923m	0.23	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	3015	0.31	ng	#	81
34) Indeno(1,2,3-cd)pyrene	26.32	276	17095	0.18	ng		97
36) Benzo(b)fluoranthene	23.00	252	17502	0.20	ng		98
37) Benzo(k)fluoranthene	23.06	252	14351	0.16	ng		96
38) Benzo(a)pyrene	23.65	252	14271	0.17	ng		95
39) Dibenzo(a,h)anthracene	26.34	278	14016	0.17	ng		97
40) Benzo(g,h,i)perylene	27.10	276	14637	0.17	ng		96

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

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