Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122716\
Data File : BE092623.D
Acq On : 27 Dec 2016 15:20
Operator : UM/SJ
Sample : H6103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL-01-QT1-2017

Manual Integrations APPROVED
sohil
12/28/2016 9:49:09 AM

Quant Time: Dec 28 13:03:41 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	12144	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	49589	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	28485	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	52543	5.00	ng	0.00
24) Chrysene-d12	21.72	240	56463	5.00	ng	0.00
31) Perylene-d12	24.08	264	50482	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	21341	9.06	ng	-0.04
5) Phenol-d6	7.31	99	26834	7.54	ng	-0.07
8) Nitrobenzene-d5	9.32	82	12721	3.75	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	4241	5.22	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	28390	4.17	ng	-0.01
26) Terphenyl-d14	20.16	244	29811	4.31	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	159	Below Cal	#	1
3) n-Nitrosodimethylamine	3.87	42	29m	0.21	ng	
6) bis(2-Chloroethyl)ether	7.59	93	260	0.18	ng	# 15
9) Naphthalene	10.97	128	815	0.08	ng	# 75
10) Hexachlorobutadiene	11.26	225	140	0.09	ng	96
11) 2-Methylnaphthalene	12.65	142	433	0.07	ng	# 92
15) Acenaphthylene	14.52	152	3007	0.08	ng	99
16) Acenaphthene	14.87	154	495	0.08	ng	87
17) Fluorene	15.87	166	551	0.07	ng	97
19) Hexachlorobenzene	16.87	284	199m	0.09	ng	
20) Pentachlorophenol	17.28	266	25m	0.07	ng	
21) Phenanthrene	17.58	178	1034	0.08	ng	# 78
22) Anthracene	17.72	178	820	0.07	ng	# 69
23) Fluoranthene	19.61	202	3535	0.06	ng	99
25) Pyrene	19.97	202	3543	0.07	ng	100
27) Benzo(a)anthracene	21.70	228	3395m	0.07	ng	
28) Chrysene	21.75	228	4966m	0.08	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	246	0.11	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.62	276	4202	0.08	ng	98
32) Benzo(b)fluoranthene	23.36	252	762	0.07	ng	# 70
33) Benzo(k)fluoranthene	23.40	252	1063	0.08	ng	# 69
34) Benzo(a)pyrene	23.97	252	778	0.07	ng	# 57
35) Dibenzo(a,h)anthracene	26.63	278	813	0.08	ng	# 51
36) Benzo(g,h,i)perylene	27.37	276	3909	0.09	ng	# 69

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

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