Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092316\
Data File : BE092420.D
Acq On : 23 Sep 2016 17:59
Operator : UM/SJ
Sample : H4818-02
Misc : LOO
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016--02-QT4

Manual Integrations APPROVED
sohil
9/26/2016 5:56:27 PM

Quant Time: Sep 23 18:55:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7849	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	32087	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	21300	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	43300	5.00	ng		0.02
24) Chrysene-d12	21.75	240	56912	5.00	ng		0.00
31) Perylene-d12	24.12	264	55868	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	16715	9.01	ng		-0.02
5) Phenol-d6	7.33	99	20813	7.88	ng		-0.02
8) Nitrobenzene-d5	9.34	82	8678	3.80	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	4538	6.05	ng		0.00
14) 2-Fluorobiphenyl	13.45	172	22453	4.45	ng		0.00
26) Terphenyl-d14	20.19	244	31345	4.44	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	185	0.11	ng	#	46
3) n-Nitrosodimethylamine	3.82	42	108	0.28	ng	#	89
6) bis(2-Chloroethyl)ether	7.59	93	272	0.22	ng		88
9) Naphthalene	11.01	128	1199	0.17	ng	#	84
10) Hexachlorobutadiene	11.30	225	187	0.17	ng		99
11) 2-Methylnaphthalene	12.66	142	712	0.15	ng		94
15) Acenaphthylene	14.54	152	4861	0.16	ng		100
16) Acenaphthene	14.88	154	866	0.18	ng		93
17) Fluorene	15.88	166	959	0.16	ng		100
19) Hexachlorobenzene	16.89	284	300	0.16	ng		93
20) Pentachlorophenol	17.30	266	36	0.23	ng	#	78
21) Phenanthrene	17.63	178	1761	0.18	ng		96
22) Anthracene	17.72	178	1577m	0.16	ng		
23) Fluoranthene	19.63	202	8215	0.17	ng		98
25) Pyrene	19.99	202	7696	0.16	ng		99
27) Benzo(a)anthracene	21.72	228	8615m	0.16	ng		
28) Chrysene	21.79	228	11140m	0.22	ng		
29) Bis(2-ethylhexyl)phthalate	21.66	149	656	0.14	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.65	276	8444	0.16	ng		98
32) Benzo(b)fluoranthene	23.39	252	2101	0.16	ng	#	92
33) Benzo(k)fluoranthene	23.44	252	2434	0.17	ng	#	94
34) Benzo(a)pyrene	24.02	252	2156	0.16	ng	#	90
35) Dibenzo(a,h)anthracene	26.68	278	1759	0.14	ng	#	83
36) Benzo(g,h,i)perylene	27.42	276	8641	0.17	ng	#	88

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

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