

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122716\
 Data File : BE092625.D
 Acq On : 27 Dec 2016 17:55
 Operator : UM/SJ
 Sample : H6103-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Manual Integrations
 APPROVED

sohil
 12/28/2016 9:49:11 AM

Quant Time: Dec 28 13:08:15 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	10723	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	43543	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24893	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	45271	5.00	ng	0.00
24) Chrysene-d12	21.72	240	48715	5.00	ng	0.00
31) Perylene-d12	24.08	264	45832	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	19519	9.38	ng	-0.04
5) Phenol-d6	7.31	99	25024	7.95	ng	-0.07
8) Nitrobenzene-d5	9.32	82	11860	3.97	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	3866	5.43	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	26928	4.52	ng	-0.01
26) Terphenyl-d14	20.16	244	27613	4.62	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.39	88	528	0.27	ng	Qvalue # 1
3) n-Nitrosodimethylamine	3.87	42	32m	0.22	ng	
6) bis(2-Chloroethyl)ether	7.59	93	441	0.25	ng	# 25
9) Naphthalene	10.97	128	1605	0.18	ng	# 87
10) Hexachlorobutadiene	11.26	225	241	0.18	ng	93
11) 2-Methylnaphthalene	12.64	142	861	0.15	ng	97
15) Acenaphthylene	14.51	152	5850	0.17	ng	100
16) Acenaphthene	14.87	154	1048	0.19	ng	92
17) Fluorene	15.86	166	1078	0.15	ng	96
19) Hexachlorobenzene	16.86	284	343m	0.18	ng	
20) Pentachlorophenol	17.26	266	40m	0.15	ng	
21) Phenanthrene	17.60	178	1916	0.17	ng	# 76
22) Anthracene	17.72	178	1552	0.15	ng	# 74
23) Fluoranthene	19.61	202	6936	0.14	ng	98
25) Pyrene	19.97	202	7030	0.16	ng	100
27) Benzo(a)anthracene	21.70	228	6428m	0.15	ng	
28) Chrysene	21.75	228	9759m	0.19	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	527	0.18	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.60	276	8166	0.18	ng	98
32) Benzo(b)fluoranthene	23.36	252	1647	0.16	ng	# 87
33) Benzo(k)fluoranthene	23.40	252	1992	0.17	ng	# 88
34) Benzo(a)pyrene	23.97	252	1564	0.15	ng	# 82
35) Dibenzo(a,h)anthracene	26.62	278	1599	0.17	ng	# 73
36) Benzo(g,h,i)perylene	27.35	276	7626	0.18	ng	# 85

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

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