

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021716\
 Data File : BE091407.D
 Acq On : 17 Feb 2016 16:54
 Operator : UM/IZ
 Sample : H1445-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LIBERTY-SF-005

Manual Integrations
 APPROVED

UMANGI
 2/18/2016 9:52:59 AM

Quant Time: Feb 18 00:14:44 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 00:27:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	45537	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	227548	5.00	ng	0.00
8) Acenaphthene-d10	13.35	164	146988	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	323915	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	349294	5.00	ng	0.00
24) Perylene-d12	22.09	264	339359	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.90	112	65732	6.13	ng	-0.04
3) Phenol-d6	6.53	99	109302	7.16	ng	-0.04
5) Nitrobenzene-d5	8.16	82	57856	3.90	ng	0.00
9) 2,4,6-Tribromophenol	14.89	330	25973	3.80	ng	-0.01
10) 2-Fluorobiphenyl	11.99	172	168178	4.40	ng	-0.02
20) Terphenyl-d14	18.60	244	239134	4.63	ng	-0.02
Target Compounds						Qvalue
6) Naphthalene	9.59	128	43490	0.85	ng	99
7) 2-Methylnaphthalene	11.10	142	91690	2.92	ng	100
11) Acenaphthylene	13.09	152	684773	2.75	ng	100
12) Acenaphthene	13.41	154	148747	3.69	ng	97
13) Fluorene	14.39	166	497204	9.54	ng	99
15) Phenanthrene	16.12	178	2951313	34.70	ng	97
16) Anthracene	16.20	178	849153m	11.91	ng	
17) Fluoranthene	18.07	202	2481474	27.27	ng	98
19) Pyrene	18.46	202	2229859	29.46	ng	97
21) Benzo(a)anthracene	20.18	228	894215	11.26	ng	95
22) Chrysene	20.24	228	903470	10.52	ng	96
23) Indeno(1,2,3-cd)pyrene	23.68	276	344687	4.36	ng	99
25) Benzo(b)fluoranthene	21.54	252	461769	5.45	ng	# 96
26) Benzo(k)fluoranthene	21.56	252	607238	7.16	ng	# 95
27) Benzo(a)pyrene	21.99	252	636713	8.04	ng	# 96
28) Dibenzo(a,h)anthracene	23.63	278	136278	1.92	ng	# 91
29) Benzo(g,h,i)perylene	24.23	276	337551	4.03	ng	98

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

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