

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021716\
 Data File : BE091408.D
 Acq On : 17 Feb 2016 17:30
 Operator : UM/IZ
 Sample : H1445-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LIBERTY-SF-005MS

Manual Integrations
 APPROVED

UMANGI
 2/18/2016 9:53:09 AM

Quant Time: Feb 18 00:17:21 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	6.85	152	40497	5.00	ng	-0.02
4) Naphthalene-d8	9.52	136	202761	5.00	ng	-0.02
8) Acenaphthene-d10	13.34	164	126622	5.00	ng	-0.02
14) Phenanthrene-d10	16.08	188	295583	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	331003	5.00	ng	0.00
24) Perylene-d12	22.09	264	337599	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.89	112	72756	7.58	ng	-0.05
3) Phenol-d6	6.51	99	109483	8.04	ng	-0.05
5) Nitrobenzene-d5	8.12	82	70003	5.20	ng	-0.05
9) 2,4,6-Tribromophenol	14.88	330	53346	8.58	ng	-0.03
10) 2-Fluorobiphenyl	11.98	172	170069	5.16	ng	-0.03
20) Terphenyl-d14	18.60	244	265946	5.43	ng	-0.02
Target Compounds						Qvalue
6) Naphthalene	9.57	128	195003	4.26	ng	99
7) 2-Methylnaphthalene	11.09	142	144159	5.06	ng	98
11) Acenaphthylene	13.08	152	1049481	4.76	ng	100
12) Acenaphthene	13.40	154	167005	4.80	ng	92
13) Fluorene	14.39	166	262308	5.84	ng	98
15) Phenanthrene	16.12	178	897530	11.57	ng	99
16) Anthracene	16.20	178	492242m	7.57	ng	
17) Fluoranthene	18.07	202	1021131	12.36	ng	98
19) Pyrene	18.46	202	969226	13.51	ng	99
21) Benzo(a)anthracene	20.18	228	621866	8.31	ng	97
22) Chrysene	20.24	228	604552	7.40	ng	97
23) Indeno(1,2,3-cd)pyrene	23.68	276	503828	6.63	ng	99
25) Benzo(b)fluoranthene	21.54	252	532847	6.30	ng	# 97
26) Benzo(k)fluoranthene	21.56	252	590796	7.00	ng	# 96
27) Benzo(a)pyrene	21.99	252	581977	7.40	ng	# 97
28) Dibenzo(a,h)anthracene	23.62	278	395347	5.13	ng	98
29) Benzo(a,h,i)perylene	24.23	276	530886	6.29	ng	99

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

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