

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021716\
 Data File : BE091409.D
 Acq On : 17 Feb 2016 18:06
 Operator : UM/IZ
 Sample : H1445-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LIBERTY-SF-005MSD

Quant Time: Feb 18 00:00:10 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	40123	5.00	ng	-0.02
4) Naphthalene-d8	9.52	136	200145	5.00	ng	-0.02
8) Acenaphthene-d10	13.34	164	128081	5.00	ng	-0.02
14) Phenanthrene-d10	16.08	188	285980	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	333064	5.00	ng	0.00
24) Perylene-d12	22.09	264	343875	5.00	ng	0.00

System Monitoring Compounds						
2) 2-Fluorophenol	4.89	112	81064	8.49	ng	-0.06
3) Phenol-d6	6.51	99	115893	8.57	ng	-0.06
5) Nitrobenzene-d5	8.12	82	74585	5.59	ng	-0.05
9) 2,4,6-Tribromophenol	14.88	330	55885	8.88	ng	-0.03
10) 2-Fluorobiphenyl	11.97	172	172600	5.18	ng	-0.04
20) Terphenyl-d14	18.60	244	271589	5.51	ng	-0.02

Target Compounds				Qvalue		
6) Naphthalene	9.56	128	223340	4.95	ng	99
7) 2-Methylnaphthalene	11.09	142	155010	5.50	ng	98
11) Acenaphthylene	13.08	152	1134418	5.07	ng	99
12) Acenaphthene	13.40	154	172837	4.91	ng	95
13) Fluorene	14.39	166	241876	5.33	ng	100
15) Phenanthrene	16.12	178	687905	9.16	ng	100
16) Anthracene	16.20	178	454532	7.22	ng	97
17) Fluoranthene	18.07	202	902293	11.30	ng	98
19) Pyrene	18.46	202	870705	12.06	ng	99
21) Benzo(a)anthracene	20.18	228	639089	8.48	ng	97
22) Chrysene	20.24	228	612354	7.45	ng	99
23) Indeno(1,2,3-cd)pyrene	23.68	276	553153	7.22	ng	99
25) Benzo(b)fluoranthene	21.54	252	566754	6.57	ng	# 97
26) Benzo(k)fluoranthene	21.56	252	631804	7.35	ng	# 96
27) Benzo(a)pyrene	22.00	252	614416	7.67	ng	# 96
28) Dibenzo(a,h)anthracene	23.63	278	443678	5.63	ng	98
29) Benzo(g,h,i)perylene	24.23	276	590180	6.85	ng	99

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

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