

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002431.D
 Acq On : 15 Aug 2015 19:01
 Operator : UM/IZ
 Sample : G3219-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D98

Manual Integrations
 APPROVED

MMDadoda
 8/17/2015 2:46:33 PM

Quant Time: Aug 17 05:40:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	152336	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	739520	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	391057	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	730804m	20.00	ng/ul	0.01
17) Chrysene-d12	22.26	240	433615	20.00	ng/ul	0.02
22) Perylene-d12	24.93	264	558266m	20.00	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	1194398	29.87	ng/ul	0.00
10) Fluorene-d10	16.43	176	769205	27.39	ng/ul	0.00
14) Anthracene-d10	18.27	188	998055	28.31	ng/ul	0.02
18) Pyrene-d10	20.49	212	667369	34.72	ng/ul	0.02
25) Benzo(a)pyrene-d12	24.76	264	522833m	17.83	ng/ul	0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.80	128	1505256	39.88	ng/ul	100
4) 2-Methylnaphthalene	13.34	142	482253	17.05	ng/ul	98
5) 1-Methylnaphthalene	13.55	142	411921	14.73	ng/ul	100
8) Acenaphthylene	15.19	152	208173	4.97	ng/ul	98
9) Acenaphthene	15.52	153	1708229	61.97	ng/ul	99
11) Fluorene	16.48	166	1727998	54.71	ng/ul	99
13) Phenanthrene	18.24	178	17081132m	404.77	ng/ul	
15) Anthracene	18.31	178	4027566	94.17	ng/ul	98
16) Fluoranthene	20.19	202	18864090m	394.84	ng/ul	
19) Pyrene	20.54	202	15713959	618.60	ng/ul#	94
20) Benzo(a)anthracene	22.24	228	7287141	281.03	ng/ul	95
21) Chrysene	22.30	228	7282845m	300.29	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	10296848m	305.09	ng/ul	
24) Benzo(k)fluoranthene	24.17	252	3342625m	104.51	ng/ul	
26) Benzo(a)pyrene	24.84	252	6920231m	214.67	ng/ul	
27) Indeno(1,2,3-cd)pyrene	27.83	276	5755650m	155.25	ng/ul	
28) Dibenzo(a,h)anthracene	27.80	278	1453054m	46.89	ng/ul	
29) Benzo(g,h,i)perylene	28.72	276	5235269m	169.65	ng/ul	

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

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