

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002339.D
 Acq On : 12 Aug 2015 01:19
 Operator : UM/IZ
 Sample : G3162-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C80

Manual Integrations
 APPROVED

MMDadoda
 8/12/2015 2:35:29 PM

Quant Time: Aug 12 04:59:51 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	193071	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	928140	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	515209	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1051651	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	881422	20.00	ng/ul	0.00
22) Perylene-d12	24.96	264	673217	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1194356	22.38	ng/ul	0.00
10) Fluorene-d10	16.45	176	787918	21.23	ng/ul	0.00
14) Anthracene-d10	18.29	188	1104187	21.64	ng/ul	0.00
18) Pyrene-d10	20.50	212	1070727	25.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	697754	19.52	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.23	178	124382	2.05	ng/ul	99
16) Fluoranthene	20.17	202	242008	3.61	ng/ul	99
19) Pyrene	20.53	202	199158	3.50	ng/ul	98
20) Benzo(a)anthracene	22.26	228	109694	2.04	ng/ul	96
21) Chrysene	22.32	228	129978m	2.55	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	153672	3.67	ng/ul#	96
24) Benzo(k)fluoranthene	24.18	252	51703m	1.29	ng/ul	
26) Benzo(a)pyrene	24.84	252	92476	2.31	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.80	276	70290	1.53	ng/ul	94
29) Benzo(g,h,i)perylene	28.68	276	64141	1.66	ng/ul	97

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

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