

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031138.D
 Acq On : 20 Nov 2017 19:45
 Operator : SJ/JU
 Sample : I6475-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G36

Manual Integrations
 APPROVED

Sohil
 11/21/2017 2:27:29 PM

Quant Time: Nov 21 06:59:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 05:01:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65204	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	306820	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	207373	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	488834	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	508380	20.00	ng/ul	-0.01
23) Perylene-d12	25.07	264	513530	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	114314	19.75	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	518550	24.04	ng/ul	0.00
10) Fluorene-d10	15.74	176	387600	22.38	ng/ul	0.00
15) Anthracene-d10	17.59	188	597754	24.43	ng/ul	0.00
19) Pyrene-d10	19.87	212	697923	30.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	666057	26.22	ng/ul	-0.04
Target Compounds						
8) Acenaphthylene	14.49	152	22814	1.208	ng/ul	99
14) Phenanthrene	17.54	178	241262	9.196	ng/ul	98
17) Fluoranthene	19.54	202	320950	8.791	ng/ul#	88
20) Pyrene	19.90	202	358962	13.304	ng/ul#	87
21) Benzo(a)anthracene	21.75	228	154209	4.979	ng/ul	97
22) Chrysene	21.82	228	176909	6.005	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	162643	5.242	ng/ul#	95
25) Benzo(k)fluoranthene	24.08	252	54331m	1.778	ng/ul	
27) Benzo(a)pyrene	24.91	252	130801m	4.398	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	73256	2.161	ng/ul#	88
30) Benzo(g,h,i)perylene	30.04	276	63741m	2.258	ng/ul	

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

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