

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031248.D
 Acq On : 28 Nov 2017 3:05
 Operator : SJ/JU
 Sample : I6506-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0GB4

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:44 PM

Quant Time: Nov 28 07:47:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	73422	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	320809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	204848	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	495944	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	535469	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	537684	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	97925	16.18	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	413726	19.42	ng/ul	0.00
10) Fluorene-d10	15.74	176	316754	18.51	ng/ul	0.00
15) Anthracene-d10	17.59	188	487086	19.62	ng/ul	0.00
19) Pyrene-d10	19.87	212	560012	22.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	524774	19.73	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.48	152	24747	1.326	ng/ul	99
14) Phenanthrene	17.53	178	349231	13.121	ng/ul	98
16) Anthracene	17.63	178	38841	1.437	ng/ul	96
17) Fluoranthene	19.54	202	812300	21.931	ng/ul#	91
20) Pyrene	19.90	202	804571	28.310	ng/ul#	90
21) Benzo(a)anthracene	21.74	228	410280	12.576	ng/ul	98
22) Chrysene	21.82	228	508008	16.372	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	553735	17.045	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	232747m	7.273	ng/ul	
27) Benzo(a)pyrene	24.91	252	386235m	12.404	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.84	276	276376	7.787	ng/ul#	92
29) Dibenzo(a,h)anthracene	28.88	278	74521	2.536	ng/ul	94
30) Benzo(a,h,i)perylene	30.02	276	227024	7.682	ng/ul#	92

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

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