

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020240.D
 Acq On : 17 Dec 2015 3:26
 Operator : UM/SJ
 Sample : G4767-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N42

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:26 PM

Quant Time: Dec 17 06:15:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 03:53:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	25020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	117457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	84061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	187350	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	217030	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	208109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2013	4.44	ng/uL	0.00
5) Phenol-d5	7.25	99	60130	27.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	36578	27.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	46961	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	54867	29.08	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	25630	27.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	30753	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	57184	27.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	73712	31.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	187179	27.53	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	183567	23.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	30038	24.63	ng/ul	0.00
58) Fluorene-d10	15.72	176	134543	21.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	18210	16.40	ng/ul	0.01
71) Anthracene-d10	17.58	188	205245	23.78	ng/ul	0.01
79) Pyrene-d10	19.86	212	235562	23.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	268922	25.91	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.28	94	4251	1.80 ng/ul	92
16) 4-Methylphenol	8.86	108	3427	1.72 ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	4290m	1.73 ng/ul	
28) Naphthalene	10.98	128	2722056	443.78 ng/ul#	85
34) 2-Methylnaphthalene	12.57	142	866195	184.88 ng/ul	97
35) 1-Methylnaphthalene	12.79	142	435964	96.79 ng/ul#	98
41) 1,1'-Biphenyl	13.56	154	352979	55.66 ng/ul	96
45) Dimethylphthalate	14.17	163	90280	13.00 ng/ul	98
48) Acenaphthylene	14.45	152	124851	14.86 ng/ul#	97
50) Acenaphthene	14.81	153	1406715	248.77 ng/ul	94
54) Dibenzofuran	15.13	168	1451071	172.50 ng/ul	90
59) Fluorene	15.78	166	1367182	202.39 ng/ul#	98
70) Phenanthrene	17.55	178	4063627m	396.54 ng/ul	
72) Anthracene	17.62	178	674672	64.91 ng/ul	96
75) Carbazole	17.88	167	597849	68.46 ng/ul	98
77) Fluoranthene	19.53	202	2531381	211.36 ng/ul#	88
80) Pyrene	19.89	202	1915035	145.79 ng/ul#	94
83) Benzo(a)anthracene	21.72	228	515727	40.73 ng/ul	96
85) Chrysene	21.79	228	413310	34.65 ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	231548	18.49 ng/ul	95
89) Benzo(k)fluoranthene	24.03	252	90627m	7.54 ng/ul	
91) Benzo(a)pyrene	24.86	252	134056	11.29 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.72	276	39485m	2.79 ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	28.77	278	13693m	1.17	ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	33309m	2.87	ng/ul	

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

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