

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022040.D
 Acq On : 23 May 2016 9:28
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:33:57 PM

Quant Time: May 24 13:57:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38165	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	189226	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	101459	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	199294	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	176167	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	162603	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	6139	7.38	ng/uL	0.00
3) Phenol-d5	7.31	99	67078	19.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	35053	19.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	57917	20.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	57469	19.14	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	29111	21.93	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	30777	21.73	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	55626	22.22	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	67238	34.10	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	155735	19.91	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	219399	21.77	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	24836	18.05	ng/ul	0.00
21) Fluorene-d10	15.77	176	145574	20.68	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	19032	19.24	ng/ul	0.00
26) Anthracene-d10	17.63	188	196778	21.43	ng/ul	0.00
30) Pyrene-d10	19.90	212	197520	21.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	158247	21.91	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	11.03	128	198247	21.54	ng/ul	97
13) 2-Methylnaphthalene	12.62	142	138541	20.77	ng/ul	95
14) 1-Methylnaphthalene	12.84	142	140056	20.52	ng/ul#	99
18) Acenaphthylene	14.51	152	221087	21.07	ng/ul	98
19) Acenaphthene	14.85	153	151730	21.06	ng/ul	97
22) Fluorene	15.83	166	158429	19.86	ng/ul	98
25) Phenanthrene	17.57	178	228909	21.49	ng/ul	97
27) Anthracene	17.66	178	231205	21.60	ng/ul	100
28) Fluoranthene	19.57	202	245653	22.19	ng/ul#	94
31) Pyrene	19.93	202	249635m	20.58	ng/ul	
32) Benzo(a)anthracene	21.79	228	212082	21.70	ng/ul	98
33) Chrysene	21.86	228	200365	21.08	ng/ul	97
35) Benzo(b)fluoranthene	24.09	252	199089	21.30	ng/ul#	95
36) Benzo(k)fluoranthene	24.15	252	203175	22.10	ng/ul#	96
38) Benzo(a)pyrene	24.98	252	189968	21.25	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.97	276	183550	18.07	ng/ul#	89
40) Dibenzo(a,h)anthracene	29.02	278	167161m	19.86	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	127028m	14.78	ng/ul	

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

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