

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021972.D
 Acq On : 19 May 2016 21:14
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02005

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:15:35 PM

Quant Time: May 20 08:27:44 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	41732	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	216602	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	119402	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	243747	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	208981	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	191874	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	6375	7.01	ng/uL	0.00
3) Phenol-d5	7.31	99	71444	19.39	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	37379	19.05	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	60918	20.13	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	62483	19.04	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	31548	20.76	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	33270	20.52	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	59451	20.75	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	46633	20.66	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	169977	18.46	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	238703	20.13	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	26986	16.66	ng/ul	0.00
21) Fluorene-d10	15.78	176	160459	19.37	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	21068	17.42	ng/ul	0.00
26) Anthracene-d10	17.63	188	222246m	19.79	ng/ul	0.00
30) Pyrene-d10	19.91	212	218522	19.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	172750	20.27	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	11.03	128	209688	19.90	ng/ul	99
13) 2-Methylnaphthalene	12.63	142	150594	19.72	ng/ul	93
14) 1-Methylnaphthalene	12.84	142	147992	18.94	ng/ul#	96
18) Acenaphthylene	14.51	152	247497	20.04	ng/ul	99
19) Acenaphthene	14.85	153	168227	19.84	ng/ul	98
22) Fluorene	15.83	166	179869	19.16	ng/ul	96
25) Phenanthrene	17.57	178	262547	20.15	ng/ul	97
27) Anthracene	17.66	178	263952	20.16	ng/ul	98
28) Fluoranthene	19.57	202	272067	20.09	ng/ul#	94
31) Pyrene	19.94	202	273803m	19.02	ng/ul	
32) Benzo(a)anthracene	21.79	228	234235	20.21	ng/ul	97
33) Chrysene	21.86	228	218537	19.38	ng/ul	99
35) Benzo(b)fluoranthene	24.08	252	221125	20.05	ng/ul#	96
36) Benzo(k)fluoranthene	24.15	252	216564	19.96	ng/ul#	97
38) Benzo(a)pyrene	24.99	252	209534	19.86	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.96	276	235784	19.67	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.02	278	204373	20.58	ng/ul#	94
41) Benzo(g,h,i)perylene	30.16	276	197329m	19.45	ng/ul	

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

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