

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021930.D
 Acq On : 18 May 2016 11:12
 Operator : UM/SJ
 Sample : SSTD01028
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01028

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:12:00 PM

Quant Time: May 18 16:25:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 15:34:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	24926	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	137208	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	87729	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	207427	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	175574	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	158234	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2355	4.56	ng/uL	0.01
3) Phenol-d5	7.31	99	19888	10.75	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	11132	12.14	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	18008	12.54	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	18421	11.86	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	9239	10.24	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	10166	17.84	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	18208	11.30	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	15730m	9.06	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	71862	11.66	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	89281	10.21	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	10283m	9.74	ng/ul	0.00
21) Fluorene-d10	15.78	176	65098	10.03	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	8155	14.19	ng/ul	0.00
26) Anthracene-d10	17.63	188	99892	9.89	ng/ul	0.00
30) Pyrene-d10	19.91	212	98256	11.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	71437	9.50	ng/ul	0.00

Target Compounds

						Ovalue
11) Naphthalene	11.03	128	70034	10.18	ng/ul	97
13) 2-Methylnaphthalene	12.63	142	50043	9.88	ng/ul	98
14) 1-Methylnaphthalene	12.84	142	51175	10.18	ng/ul#	99
18) Acenaphthylene	14.51	152	94674	10.55	ng/ul	98
19) Acenaphthene	14.85	153	64615	10.38	ng/ul	97
22) Fluorene	15.83	166	72525	10.04	ng/ul	98
25) Phenanthrene	17.57	178	116091	10.24	ng/ul	97
27) Anthracene	17.66	178	118932	10.33	ng/ul	99
28) Fluoranthene	19.57	202	122410	9.50	ng/ul#	93
31) Pyrene	19.93	202	131431m	12.94	ng/ul	
32) Benzo(a)anthracene	21.79	228	101978	10.44	ng/ul	95
33) Chrysene	21.86	228	94561	9.78	ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	93091	10.28	ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	87882	9.06	ng/ul#	93
38) Benzo(a)pyrene	24.98	252	91115	10.11	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.95	276	99565m	9.32	ng/ul	
40) Dibenzo(a,h)anthracene	29.01	278	84392m	9.49	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	85155	9.66	ng/ul#	85

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

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