

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060616\
 Data File : BM005688.D
 Acq On : 07 Jun 2016 02:25
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

Quant Time: Jun 07 04:29:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 07 04:25:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	132041	20.00	ng/ul	0.00
7) Naphthalene-d8	10.56	136	518883	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.41	164	230289	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.15	188	440598	20.00	ng/ul	0.00
29) Chrysene-d12	21.34	240	453952	20.00	ng/ul	0.01
34) Perylene-d12	23.60	264	475087	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	23790	7.57	ng/uL	0.00
3) Phenol-d5	6.95	99	222055	19.13	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.10	67	138544	19.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	186289	19.45	ng/ul	0.01
6) 4-Methylphenol-d8	8.49	113	166581	18.14	ng/ul	0.01
8) Nitrobenzene-d5	8.93	128	83282	20.90	ng/ul	0.01
9) 2-Nitrophenol-d4	9.65	143	83528	19.59	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.19	165	148548	19.61	ng/ul	0.01
12) 4-Chloroaniline-d4	10.70	131	197489	21.93	ng/ul	0.01
16) Dimethylphthalate-d6	13.82	166	355244	20.07	ng/ul	0.00
17) Acenaphthylene-d8	14.10	160	470373	20.43	ng/ul	0.01
20) 4-Nitrophenol-d4	14.64	143	48555	19.15	ng/ul	0.02
21) Fluorene-d10	15.40	176	298707	19.64	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	8772	4.23	ng/ul	0.02
26) Anthracene-d10	17.25	188	420124	20.08	ng/ul	0.00
30) Pyrene-d10	19.54	212	435381	19.08	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.46	264	431584	19.74	ng/ul	0.02

Target Compounds

						Qvalue
11) Naphthalene	10.61	128	522531	19.81	ng/ul	99
13) 2-Methylnaphthalene	12.22	142	336752	18.37	ng/ul	99
14) 1-Methylnaphthalene	12.45	142	326791	18.11	ng/ul#	95
18) Acenaphthylene	14.13	152	479693	20.14	ng/ul	97
19) Acenaphthene	14.47	153	310965	20.11	ng/ul	95
22) Fluorene	15.46	166	330662	19.76	ng/ul	97
25) Phenanthrene	17.20	178	482147	19.82	ng/ul	98
27) Anthracene	17.29	178	496977	20.11	ng/ul	99
28) Fluoranthene	19.21	202	534708	21.51	ng/ul	98
31) Pyrene	19.57	202	544823	19.02	ng/ul	97
32) Benzo(a)anthracene	21.32	228	535049	20.10	ng/ul	97
33) Chrysene	21.37	228	504068	20.04	ng/ul	99
35) Benzo(b)fluoranthene	22.92	252	568469	19.84	ng/ul	98
36) Benzo(k)fluoranthene	22.96	252	512728	19.07	ng/ul	99
38) Benzo(a)pyrene	23.50	252	542633	19.68	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.90	276	646226	19.80	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.91	278	540042	19.72	ng/ul	97
41) Benzo(g,h,i)perylene	26.61	276	543330	19.85	ng/ul#	95

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

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