

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072016\
 Data File : BM006559.D
 Acq On : 20 Jul 2016 17:55
 Operator : UM/SJ
 Sample : SSTD08052
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08052

Quant Time: Jul 20 18:26:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	125575	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	539324	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	309754	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	711872	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	753964	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	845676	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	91612	30.66	ng/uL	0.00
3) Phenol-d5	6.79	99	868674	78.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	528525	78.67	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	676970	74.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	683610	78.29	ng/ul	0.01
8) Nitrobenzene-d5	8.77	128	331924	80.15	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	366270	82.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	651054	82.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	714521	76.35	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	1859928	78.11	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	2336229	75.43	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	363011	106.46	ng/ul	0.01
21) Fluorene-d10	15.26	176	1576912	77.10	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	317555	94.73	ng/ul	0.00
26) Anthracene-d10	17.12	188	2430895	71.90	ng/ul	0.00
30) Pyrene-d10	19.42	212	2642746	69.74	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	2877553	73.94	ng/ul	0.01

Target Compounds

						Qvalue
11) Naphthalene	10.45	128	2076736	75.75	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	1526406	80.11	ng/ul	98
14) 1-Methylnaphthalene	12.29	142	1451438	77.40	ng/ul#	95
18) Acenaphthylene	13.99	152	2434211	75.96	ng/ul	97
19) Acenaphthene	14.33	153	1550048	74.52	ng/ul	96
22) Fluorene	15.32	166	1602407	71.19	ng/ul	96
25) Phenanthrene	17.06	178	2867646	72.97	ng/ul	98
27) Anthracene	17.16	178	2913030	72.97	ng/ul	98
28) Fluoranthene	19.09	202	3359255	83.64	ng/ul	96
31) Pyrene	19.45	202	3409608	71.67	ng/ul#	96
32) Benzo(a)anthracene	21.20	228	3336652	75.46	ng/ul	98
33) Chrysene	21.26	228	3063629	73.32	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	3573299	70.07	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	3526833	73.71	ng/ul	99
38) Benzo(a)pyrene	23.33	252	3506636	71.43	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.63	276	4080306	70.25	ng/ul	96
40) Dibenzo(a,h)anthracene	25.64	278	3312488	67.97	ng/ul	97
41) Benzo(g,h,i)perylene	26.30	276	3721397	76.37	ng/ul	98

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

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