

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
 Data File : BM006178.D
 Acq On : 01 Jul 2016 12:26
 Operator : UM/SJ
 Sample : H3780-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YF4MSD

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:16:52 PM

Quant Time: Jul 01 17:50:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	385201	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1750209	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	985232	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	2092282	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1382892	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1566996	20.00	ng/ul	0.04

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	9892	1.19	ng/uL	0.00
3) Phenol-d5	6.85	99	641272	20.38	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	375684	20.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	483982	20.04	ng/ul	0.01
6) 4-Methylphenol-d8	8.37	113	526898	20.80	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	252607	21.43	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	292635	21.69	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	518997	21.08	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	374685	19.26	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1547110	21.91	ng/ul	0.01
17) Acenaphthylene-d8	14.00	160	1963745	22.91	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	292568	21.83	ng/ul	0.03
21) Fluorene-d10	15.31	176	1338589	22.21	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.45	200	232724	31.40	ng/ul	0.02
26) Anthracene-d10	17.17	188	1948894	23.22	ng/ul	0.02
30) Pyrene-d10	19.47	212	1721511	30.91	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1462876	23.46	ng/ul	0.04

Target Compounds

						Qvalue
11) Naphthalene	10.49	128	106089	1.38	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	60758	1.04	ng/ul	98
18) Acenaphthylene	14.03	152	139054	1.55	ng/ul	97
19) Acenaphthene	14.38	153	1351724	23.60	ng/ul	100
22) Fluorene	15.37	166	391202	6.00	ng/ul	99
25) Phenanthrene	17.12	178	5195150	52.47	ng/ul	99
27) Anthracene	17.20	178	1375921	13.52	ng/ul	100
28) Fluoranthene	19.14	202	6947589	57.29	ng/ul	96
31) Pyrene	19.51	202	6621089m	90.77	ng/ul	
32) Benzo(a)anthracene	21.25	228	2850369	39.64	ng/ul	98
33) Chrysene	21.30	228	2804408	42.36	ng/ul	96
35) Benzo(b)fluoranthene	22.84	252	3664904	45.07	ng/ul	98
36) Benzo(k)fluoranthene	22.87	252	1263173m	16.56	ng/ul	
38) Benzo(a)pyrene	23.41	252	2493718	32.46	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.75	276	1989652	24.91	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.75	278	523541	7.92	ng/ul#	90
41) Benzo(g,h,i)perylene	26.44	276	1852151	27.71	ng/ul	97

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

