

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
 Data File : BM006175.D
 Acq On : 01 Jul 2016 10:38
 Operator : UM/SJ
 Sample : H3779-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9YD5

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:16:39 PM

Quant Time: Jul 01 17:40:16 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	347980	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1572388	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	894189	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1920938	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1466670	20.00	ng/ul	0.01
34) Perylene-d12	23.49	264	1458694	20.00	ng/ul	0.03

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	6007	0.80	ng/uL	0.00
3) Phenol-d5	6.84	99	387225	13.62	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.99	67	225244	13.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	291342	13.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	312184	13.64	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	148247	14.00	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	169433	13.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	310586	14.04	ng/ul	0.01
12) 4-Chloroaniline-d4	10.58	131	85828	4.91	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	904924	14.12	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1162639	14.95	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	157527	12.95	ng/ul	0.02
21) Fluorene-d10	15.30	176	815055	14.90	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	124609	18.31	ng/ul	0.01
26) Anthracene-d10	17.16	188	1211403	15.72	ng/ul	0.00
30) Pyrene-d10	19.46	212	1144315	19.38	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.35	264	895887	15.43	ng/ul	0.03

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Acenaphthylene	14.03	152	82210	1.01	ng/ul	99
25) Phenanthrene	17.10	178	888177	9.77	ng/ul	99
27) Anthracene	17.19	178	254149	2.72	ng/ul	100
28) Fluoranthene	19.13	202	2242368	20.14	ng/ul	99
31) Pyrene	19.49	202	1726723	22.32	ng/ul	96
32) Benzo(a)anthracene	21.24	228	1004688	13.17	ng/ul	97
33) Chrysene	21.30	228	940430	13.39	ng/ul	97
35) Benzo(b)fluoranthene	22.83	252	1437997	19.00	ng/ul	97
36) Benzo(k)fluoranthene	22.86	252	398777m	5.62	ng/ul	
38) Benzo(a)pyrene	23.40	252	889894	12.44	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.74	276	705053	9.48	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.73	278	195675	3.18	ng/ul#	81
41) Benzo(g,h,i)perylene	26.43	276	651873	10.48	ng/ul	98

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

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