

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042016\
 Data File : BM005017.D
 Acq On : 21 Apr 2016 07:45
 Operator : UM/SJ
 Sample : H2567-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M3

Quant Time: Apr 21 11:09:02 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	61025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	138304	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.45	164	133803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	248158	20.00	ng/ul	0.01
75) Chrysene-d12	21.39	240	218033	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	264967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3536	3.10	ng/uL	0.00
5) Phenol-d5	6.97	99	55669	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	101014	40.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	129273	35.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	87343	24.27	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	77352	84.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	77458	75.13	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	126894	67.78	ng/ul	0.04
29) 4-Chloroaniline-d4	10.77	131	4247	2.01	ng/ul	0.03
43) Dimethylphthalate-d6	13.86	166	360538	39.61	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	445474	39.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	22122	14.24	ng/ul	0.02
57) Fluorene-d10	15.44	176	306553	38.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	40961	38.16	ng/ul	0.03
70) Anthracene-d10	17.32	188	391327	39.69	ng/ul	0.02
76) Pyrene-d10	19.60	212	383214	42.18	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.53	264	446573	43.77	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.34	88	6624	3.19	ng/uL	99
4) Benzaldehyde	6.96	77	30476	12.24	ng/ul#	1
14) Acetophenone	8.63	105	9265	1.72	ng/ul#	88
17) Hexachloroethane	8.91	117	68272	46.55	ng/ul#	3
21) Isophorone	9.70	82	8028	1.98	ng/ul#	68
24) 2,4-Dimethylphenol	9.79	107	3462	1.58	ng/ul#	71
28) Naphthalene	10.76	128	18359787	2979.50	ng/ul	97
30) 4-Chloroaniline	10.75	127	2504078	1174.38	ng/ul#	19
32) Caprolactam	11.62	113	1025	1.77	ng/ul#	12
34) 2-Methylnaphthalene	12.32	142	5539788	1233.73	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	1651111	172.02	ng/ul	97
42) 2-Nitroaniline	13.47	65	9132	4.44	ng/ul#	26
44) Dimethylphthalate	13.91	163	27236	3.01	ng/ul	98
47) Acenaphthylene	14.17	152	273788	23.10	ng/ul#	91
49) Acenaphthene	14.54	153	3218094	417.09	ng/ul	98
53) Dibenzofuran	14.87	168	3587365	321.26	ng/ul	91
54) 2,4-Dinitrotoluene	14.81	165	8168	3.18	ng/ul#	47
58) Fluorene	15.52	166	2699454	314.33	ng/ul	99
60) 4-Nitroaniline	15.52	138	36024	19.02	ng/ul#	18
64) N-Nitrosodiphenylamine	15.71	169	16767	2.62	ng/ul#	1
69) Phenanthrene	17.29	178	7723594	666.95	ng/ul	98
71) Anthracene	17.35	178	1468327	125.35	ng/ul	99
72) Carbazole	17.62	167	1760673	178.53	ng/ul	97

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74) Fluoranthene	19.29	202	5254029	440.42	ng/ul	96
77) Pyrene	19.64	202	4204173	364.73	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	1742311	162.19	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.29	149	43274	7.10	ng/ul	96
82) Chrysene	21.43	228	1262853	124.09	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	1265684	96.29	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1265684	99.85	ng/ul	99
88) Benzo(a)pyrene	23.58	252	832616	66.15	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	324607	23.18	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.99	278	90940	7.75	ng/ul#	83
91) Benzo(a,h,i)perylene	26.69	276	261830	22.20	ng/ul	98

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

