

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005636.D
 Acq On : 24 May 2016 07:56
 Operator : UM/SJ
 Sample : H3087-16RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK9RE

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:42:12 PM

Quant Time: May 24 13:57:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	192605	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	682709	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.47	164	356461	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.22	188	570799	20.00	ng/ul	0.03
75) Chrysene-d12	21.41	240	368800	20.00	ng/ul	0.05
83) Perylene-d12	23.74	264	417506	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	16436	3.74	ng/uL	0.00
5) Phenol-d5	7.01	99	425273	26.94	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	303426	33.16	ng/ul	0.02
9) 2-Chlorophenol-d4	7.36	132	320855	24.36	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	312638	24.17	ng/ul	0.03
19) Nitrobenzene-d5	8.98	128	157983	30.27	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	143360	24.95	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	329098	30.41	ng/ul	0.04
29) 4-Chloroaniline-d4	10.76	131	215422	19.88	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	756491	26.00	ng/ul	0.02
46) Acenaphthylene-d8	14.16	160	966008	26.55	ng/ul	0.03
51) 4-Nitrophenol-d4	14.70	143	94949	17.25	ng/ul	0.05
57) Fluorene-d10	15.46	176	611706	24.16	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.56	200	13305m	4.05	ng/ul	0.00
70) Anthracene-d10	17.32	188	736644	27.09	ng/ul	0.04
76) Pyrene-d10	19.62	212	572242	34.26	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.59	264	486597	24.96	ng/ul	0.09

Target Compounds

					Qvalue	
6) Phenol	7.04	94	20507	1.26	ng/ul#	85
14) Acetophenone	8.64	105	38064	1.95	ng/ul#	61
24) 2,4-Dimethylphenol	9.83	107	98422m	7.71	ng/ul	
28) Naphthalene	10.67	128	232317	6.77	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	58866	2.35	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	40921	1.37	ng/ul#	82
44) Dimethylphthalate	13.92	163	351921	12.24	ng/ul#	94
47) Acenaphthylene	14.19	152	701838	18.99	ng/ul	94
49) Acenaphthene	14.53	153	75569	3.10	ng/ul#	90
53) Dibenzofuran	14.86	168	75628	2.17	ng/ul#	73
58) Fluorene	15.52	166	231212	8.30	ng/ul#	95
69) Phenanthrene	17.26	178	2319243	72.70	ng/ul	98
71) Anthracene	17.35	178	813395	25.02	ng/ul	96
72) Carbazole	17.62	167	109811	3.89	ng/ul#	51
74) Fluoranthene	19.29	202	4382068	122.04	ng/ul	98
77) Pyrene	19.66	202	4828794	227.76	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	1964160	90.61	ng/ul#	87
82) Chrysene	21.45	228	1840795	89.25	ng/ul#	94
85) Benzo(b)fluoranthene	23.04	252	2052194m	83.34	ng/ul	
86) Benzo(k)fluoranthene	23.07	252	771275m	33.09	ng/ul	
88) Benzo(a)pyrene	23.65	252	2108679	88.28	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.12	276	1429000	50.36	ng/ul	97
90) Dibenzo(a,h)anthracene	26.12	278	316966	13.41	ng/ul#	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.86	276	1379007	57.81	ng/ul	94

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

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