

Data File : BM010706.D
Acq On : 24 Jun 2017 00:50
Operator : SJ/JU
Sample : I3625-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations
APPROVED

mohammad
6/27/2017 5:03:33 PM

Quant Time: Jun 24 05:50:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	87084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	389225	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.12	164	279398	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.88	188	626802	20.00	ng/ul	0.01
75) Chrysene-d12	21.10	240	668094	20.00	ng/ul	0.02
83) Perylene-d12	23.23	264	443783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4476	2.95	ng/uL	0.00
5) Phenol-d5	6.65	99	133290	16.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	77186	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	101772	17.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	117486	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	58573	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	70038	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	126097	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	148584	20.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	474773	19.36	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	541452	18.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	78985	18.30	ng/ul	0.00
57) Fluorene-d10	15.12	176	413878	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.27	200	60034	15.59	ng/ul	0.03
70) Anthracene-d10	16.99	188	658956m	21.77	ng/ul	0.02
76) Pyrene-d10	19.29	212	803177	25.88	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.09	264	485863	22.65	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.68	94	478190	55.97	ng/ul	96
11) 2-Methylphenol	7.90	108	213158	32.73	ng/ul	90
16) 4-Methylphenol	8.24	108	712588	99.45	ng/ul	99
24) 2,4-Dimethylphenol	9.43	107	296896	34.40	ng/ul	97
28) Naphthalene	10.30	128	29161306m	1505.52	ng/ul	
34) 2-Methylnaphthalene	11.92	142	9058915	581.81	ng/ul	97
40) 1,1'-Biphenyl	12.94	154	1967029	90.05	ng/ul	99
44) Dimethylphthalate	13.59	163	134127	5.58	ng/ul	97
47) Acenaphthylene	13.83	152	257796	9.49	ng/ul#	90
49) Acenaphthene	14.20	153	7977019	435.19	ng/ul	99
53) Dibenzofuran	14.53	168	8598511	309.75	ng/ul	91
58) Fluorene	15.19	166	8951000	385.13	ng/ul	100
69) Phenanthrene	16.93	178	28285429m	848.82	ng/ul	
71) Anthracene	17.03	178	5296630	154.28	ng/ul	98
72) Carbazole	17.29	167	2077500	69.36	ng/ul	98
74) Fluoranthene	18.96	202	21747103m	506.39	ng/ul	
77) Pyrene	19.33	202	17694879	458.54	ng/ul#	88
80) Benzo(a)anthracene	21.08	228	5309892	136.48	ng/ul	97
82) Chrysene	21.13	228	3409039	98.28	ng/ul	98
85) Benzo(b)fluoranthene	22.60	252	2145256	74.47	ng/ul#	99
86) Benzo(k)fluoranthene	22.63	252	644342m	23.59	ng/ul	
88) Benzo(a)pyrene	23.14	252	1174992	44.30	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	345497	12.56	ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Quantitation Report (LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.34	278	102042	4.45	ng/ul#	98
91) Benzo(g,h,i)perylene	25.98	276	219039	10.00	ng/ul#	94

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

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