

Data File : BM023018.D
Acq On : 06 Oct 2019 09:29
Operator : JU
Sample : K5057-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAJ5

Quant Time: Oct 07 04:16:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	286865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1097763	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	572609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1006418	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	962030	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	1216169	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	18673	2.82	ng/uL	0.00
5) Phenol-d5	6.95	99	325961	12.86	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	198230	14.29	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.32	132	279482	13.69	ng/ul	-0.01
13) 4-Methylphenol-d8	8.49	113	257272	12.40	ng/ul	-0.02
19) Nitrobenzene-d5	8.94	128	126858	14.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	129080	13.95	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	250632	13.61	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	259319	11.59	ng/ul	-0.01
44) Dimethylphthalate-d6	13.83	166	675128	15.19	ng/ul	-0.01
47) Acenaphthylene-d8	14.11	160	801583	15.62	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.62	143	61370	6.99	ng/ul	-0.01
58) Fluorene-d10	15.41	176	570566	15.06	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.53	200	48875	7.46	ng/ul	-0.01
71) Anthracene-d10	17.26	188	792930	16.13	ng/ul	-0.01
79) Pyrene-d10	19.55	212	854020	16.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1031954	16.40	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.98	94	51125	1.924	ng/ul 98
28) Naphthalene	10.62	128	964264	16.265	ng/ul 100
34) 2-Methylnaphthalene	12.23	142	205635	4.626	ng/ul 98
41) 1,1'-Biphenyl	13.25	154	49344	1.052	ng/ul 98
45) Dimethylphthalate	13.87	163	196536	4.305	ng/ul 99
50) Acenaphthene	14.49	153	854282	22.140	ng/ul 99
54) Dibenzofuran	14.82	168	548799	9.958	ng/ul 99
59) Fluorene	15.47	166	877758	19.710	ng/ul 100
70) Phenanthrene	17.21	178	6091121	101.409	ng/ul 98
72) Anthracene	17.29	178	1834505	29.974	ng/ul 100
75) Carbazole	17.56	167	891709	16.393	ng/ul 99
77) Fluoranthene	19.23	202	6761525	100.090	ng/ul 99
80) Pyrene	19.59	202	5621133	82.426	ng/ul 97
83) Benzo(a)anthracene	21.33	228	3109350	45.018	ng/ul 98
85) Chrysene	21.39	228	2953936	46.386	ng/ul 97
88) Benzo(b)fluoranthene	22.94	252	4179129	51.781	ng/ul# 94
89) Benzo(k)fluoranthene	22.97	252	1385198m	17.940	ng/ul
91) Benzo(a)pyrene	23.52	252	3076807	40.635	ng/ul# 95
92) Indeno(1,2,3-cd)pyrene	25.90	276	2132634	26.517	ng/ul 97
93) Dibenzo(a,h)anthracene	25.90	278	558724	8.305	ng/ul# 86
94) Benzo(g,h,i)perylene	26.61	276	2005287	30.905	ng/ul 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Quantitation Report (QT Reviewed)

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

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