

Data File : BM024537.D
Acq On : 18 Jan 2020 16:00
Operator : JU
Sample : L1109-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 20 05:55:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	127261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	635088	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.11	164	633211	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1357102m	20.00	ng/ul	0.04
78) Chrysene-d12	21.12	240	1816533	20.00	ng/ul	0.05
86) Perylene-d12	23.24	264	1578537	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	8086	3.11	ng/uL	0.00
5) Phenol-d5	6.65	99	150770	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	79757	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	137798	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	147587	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	58948	13.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.32	143	84837m	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	182221	16.75	ng/ul	0.02
29) 4-Chloroaniline-d4	10.37	131	620173m	51.28	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	761938	15.36	ng/ul	0.02
47) Acenaphthylene-d8	13.80	160	859416	15.05	ng/ul	0.01
52) 4-Nitrophenol-d4	14.34	143	174559	21.08	ng/ul	0.03
58) Fluorene-d10	15.12	176	724228	16.58	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.27	200	17096m	2.21	ng/ul	0.04
71) Anthracene-d10	17.00	188	1275668	20.21	ng/ul	0.05
79) Pyrene-d10	19.30	212	1914572m	19.72	ng/ul	0.04
90) Benzo(a)pyrene-d12	23.11	264	1609134	19.65	ng/ul	0.06

Target Compounds

						Qvalue
6) Phenol	6.68	94	1593838	166.278	ng/ul	97
11) 2-Methylphenol	7.92	108	1811525	230.582	ng/ul	99
14) Acetophenone	8.26	105	314325m	23.024	ng/ul	
16) 4-Methylphenol	8.25	108	4277614	488.959	ng/ul	93
24) 2,4-Dimethylphenol	9.45	107	4641783m	404.732	ng/ul	
28) Naphthalene	10.27	128	55645974m	1710.299	ng/ul	
34) 2-Methylnaphthalene	11.91	142	32473324m	1286.260	ng/ul	
41) 1,1'-Biphenyl	12.95	154	9673680	210.426	ng/ul	99
45) Dimethylphthalate	13.59	163	162308	3.218	ng/ul#	95
48) Acenaphthylene	13.83	152	22349552m	383.163	ng/ul	
50) Acenaphthene	14.18	153	6174455	156.401	ng/ul	97
54) Dibenzofuran	14.52	168	23553244m	407.257	ng/ul	
59) Fluorene	15.18	166	25846196m	528.572	ng/ul	
65) N-Nitrosodiphenylamine	15.40	169	521924	13.847	ng/ul#	71
70) Phenanthrene	16.91	178	45757617m	625.205	ng/ul	
72) Anthracene	17.03	178	26479237m	354.791	ng/ul	
75) Carbazole	17.29	167	17374121m	276.668	ng/ul	
77) Fluoranthene	18.95	202	36935465m	412.917	ng/ul	
80) Pyrene	19.32	202	36691733m	295.057	ng/ul	
83) Benzo(a)anthracene	21.07	228	32436911m	262.129	ng/ul	
85) Chrysene	21.13	228	23048011m	193.292	ng/ul	
88) Benzo(b)fluoranthene	22.62	252	29552084m	283.247	ng/ul	
89) Benzo(k)fluoranthene	22.66	252	11265847m	109.871	ng/ul	

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Quantitation Report (LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.16	252	27649295m	304.949	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.37	276	15480278	163.175	ng/ul	97
93) Dibenzo(a,h)anthracene	25.36	278	5079257	63.084	ng/ul#	83
94) Benzo(g,h,i)perylene	26.00	276	11443016	151.769	ng/ul	98

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

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