Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025023.D
Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD18

Manual Integrations APPROVED
mohammad
2/24/2020 3:39:05 PM

Quant Time: Feb 24 10:49:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 05:59:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	244006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	1039901	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	718806	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.79	188	1474957	20.00	ng/ul	0.04
78) Chrysene-d12	20.99	240	1731387m	20.00	ng/ul	0.02
86) Perylene-d12	23.05	264	1930067	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	1891	0.37	ng/uL	0.02
5) Phenol-d5	6.55	99	30355	1.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	20480	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.87	132	26338	1.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	26164	1.91	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	17979	2.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	14472	1.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	33687	1.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.25	131	16311	0.97	ng/ul	0.02
44) Dimethylphthalate-d6	13.44	166	120266	2.22	ng/ul	0.02
47) Acenaphthylene-d8	13.68	160	142746	2.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	36605m	4.15	ng/ul	0.00
58) Fluorene-d10	15.01	176	149217	3.11	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.22	200	14378m	1.50	ng/ul	0.08
71) Anthracene-d10	16.91	188	177896	2.64	ng/ul	0.06
79) Pyrene-d10	19.19	212	217824	2.52	ng/ul	0.03
90) Benzo(a)pyrene-d12	22.92	264	247369	2.55	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.16	105	33955	1.575	ng/ul	95
28) Naphthalene	10.14	128	129822	2.443	ng/ul#	96
34) 2-Methylnaphthalene	11.78	142	15022205	383.821	ng/ul	96
41) 1,1'-Biphenyl	12.82	154	592477	11.165	ng/ul#	97
48) Acenaphthylene	13.71	152	2486696	37.887	ng/ul#	94
50) Acenaphthene	14.07	153	36769145m	829.529	ng/ul	
54) Dibenzofuran	14.41	168	31617746m	478.524	ng/ul	
59) Fluorene	15.07	166	30721426m	564.164	ng/ul	
70) Phenanthrene	16.80	178	57022985m	709.050	ng/ul	
72) Anthracene	16.93	178	19795355m	242.705	ng/ul	
75) Carbazole	17.18	167	9600223	141.287	ng/ul	98
77) Fluoranthene	18.83	202	49107394m	497.412	ng/ul	
80) Pyrene	19.20	202	40663598m	354.814	ng/ul	
83) Benzo(a)anthracene	20.96	228	18850067m	161.629	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.93	149	272325	4.013	ng/ul	98
85) Chrysene	21.02	228	17456916m	152.039	ng/ul	
88) Benzo(b)fluoranthene	22.46	252	11340291	92.401	ng/ul#	97
89) Benzo(k)fluoranthene	22.49	252	3054807m	25.860	ng/ul	
91) Benzo(a)pyrene	22.96	252	4269685	38.804	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.06	276	1470946	10.738	ng/ul	99
93) Dibenzo(a,h)anthracene	25.06	278	452672	3.878	ng/ul#	94
94) Benzo(g,h,i)perylene	25.67	276	1004635	8.818	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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