Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB75

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:40 AM

Quant Time: Oct 17 06:56:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	472823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1828131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1035737	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1928259	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1869234	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2320089	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	30323	2.82	ng/uL	0.00
5) Phenol-d5	6.83	99	527121	12.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	327894	14.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	446262	14.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	406590	12.29	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	210491	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	219050	18.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	433640	14.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	210494	5.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1288484	16.23	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1492384	16.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	121414	9.45	ng/ul	0.00
58) Fluorene-d10	15.30	176	1071315	15.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	69830	9.13	ng/ul	0.00
71) Anthracene-d10	17.15	188	1560700	16.79	ng/ul	0.00
79) Pyrene-d10	19.45	212	1620083	17.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1957734	16.65	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	108045	2.544	ng/ul	98
21) Isophorone	9.38	82	148681	2.092	ng/ul#	97
28) Naphthalene	10.49	128	308194	3.262	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	121814	1.732	ng/ul	96
45) Dimethylphthalate	13.77	163	432818	5.448	ng/ul	99
48) Acenaphthylene	14.03	152	531268	5.582	ng/ul	100
50) Acenaphthene	14.37	153	140523	2.120	ng/ul	99
59) Fluorene	15.36	166	139495	1.807	ng/ul	98
70) Phenanthrene	17.10	178	2054176	18.982	ng/ul	99
72) Anthracene	17.19	178	537283	4.805	ng/ul	99
75) Carbazole	17.45	167	156899	1.571	ng/ul	97
76) Di-n-butylphthalate	18.04	149	222343	1.870	ng/ul	97
77) Fluoranthene	19.12	202	2974258	23.110	ng/ul	99
80) Pyrene	19.48	202	3021223	25.800	ng/ul	99
81) Butylbenzylphthalate	20.40	149	122585	3.010	ng/ul	98
83) Benzo(a)anthracene	21.23	228	1721502m	13.592	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.20	149	967694	14.943	ng/ul	98
85) Chrysene	21.29	228	1944491	16.534	ng/ul	96
88) Benzo(b)fluoranthene	22.80	252	2782823	19.783	ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	824257m	6.102	ng/ul	
91) Benzo(a)pyrene	23.37	252	2171622	16.091	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1740963	10.844	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	493527	3.676	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.36	276	1847339	13.975	ng/ul	99

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

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