Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB77

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:47 AM

Quant Time: Oct 17 14:03:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	443548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1737689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	976432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1834264	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1813788	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2250043	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	39065	3.88	ng/uL	0.00
5) Phenol-d5	6.83	99	656014	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	457568	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	599284	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	542961	17.50	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	291896	24.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	318076	28.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	553162	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	389017	11.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1659275	22.17	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1994068	22.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	105957	8.75	ng/ul	0.00
58) Fluorene-d10	15.30	176	1378815	21.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	108036	14.86	ng/ul	0.00
71) Anthracene-d10	17.15	188	1999161	22.60	ng/ul	0.00
79) Pyrene-d10	19.45	212	2079686	23.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2544081	22.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	125655	3.154	ng/ul	95
28) Naphthalene	10.49	128	144403	1.608	ng/ul	99
45) Dimethylphthalate	13.77	163	486567	6.497	ng/ul	99
48) Acenaphthylene	14.03	152	368516	4.107	ng/ul	99
50) Acenaphthene	14.37	153	82266	1.317	ng/ul	96
59) Fluorene	15.36	166	81431	1.119	ng/ul#	98
70) Phenanthrene	17.10	178	1142389	11.098	ng/ul	99
72) Anthracene	17.19	178	397184	3.734	ng/ul	99
77) Fluoranthene	19.12	202	2305598	18.833	ng/ul	99
80) Pyrene	19.48	202	2546566	22.412	ng/ul	99
83) Benzo(a)anthracene	21.23	228	1655716m	13.472	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.19	149	1047522	16.670	ng/ul	100
85) Chrysene	21.28	228	1667168	14.610	ng/ul	95
88) Benzo(b)fluoranthene	22.80	252	2485483	18.219	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	654015m	4.993	ng/ul	
91) Benzo(a)pyrene	23.36	252	1935021	14.784	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1492619	9.586	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	427918	3.287	ng/ul#	89
94) Benzo(g,h,i)perylene	26.36	276	1379502	10.761	ng/ul	99

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

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