Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023189.D
Acq On : 16 Oct 2019 11:57
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/17/2019 7:58:21 AM

Quant Time: Oct 16 14:29:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 08:27:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	426353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1861405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1178392	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2336504	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	1671184	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	1763576	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	40189	4.15	ng/uL	0.00
5) Phenol-d5	6.85	99	812307	21.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	530430	25.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	689528	24.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	666465	22.34	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	336770	26.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	340780	28.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	747138	24.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	520827	14.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2412368	26.71	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2864134	27.04	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	178025	12.18	ng/ul	-0.01
58) Fluorene-d10	15.32	176	2104850	27.36	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	182953	19.75	ng/ul	-0.01
71) Anthracene-d10	17.17	188	3147287	27.93	ng/ul	-0.01
79) Pyrene-d10	19.47	212	2993833	36.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	2583204	28.90	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.88	94	74810	1.954	ng/ul	98
45) Dimethylphthalate	13.79	163	970482	10.737	ng/ul	99
48) Acenaphthylene	14.05	152	111408	1.029	ng/ul	98
50) Acenaphthene	14.39	153	118950	1.577	ng/ul	98
59) Fluorene	15.37	166	122936	1.400	ng/ul#	95
70) Phenanthrene	17.11	178	2591163	19.761	ng/ul	99
72) Anthracene	17.20	178	541814	3.999	ng/ul	99
75) Carbazole	17.47	167	197363	1.630	ng/ul	99
76) Di-n-butylphthalate	18.06	149	575958	3.998	ng/ul	97
77) Fluoranthene	19.13	202	5207972	33.396	ng/ul	100
80) Pyrene	19.50	202	5411036	51.685	ng/ul	100
83) Benzo(a)anthracene	21.24	228	2651697	23.418	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.21	149	5831337	100.715	ng/ul	98
85) Chrysene	21.30	228	2634857	25.060	ng/ul	97
88) Benzo(b)fluoranthene	22.82	252	2902859	27.148	ng/ul#	98
89) Benzo(k)fluoranthene	22.86	252	1133477m	11.040	ng/ul	
91) Benzo(a)pyrene	23.39	252	2293129	22.353	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	1503342	12.318	ng/ul	99
93) Dibenzo(a,h)anthracene	25.71	278	412766	4.045	ng/ul#	91
94) Benzo(g,h,i)perylene	26.38	276	1475095	14.680	ng/ul	99

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

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