Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOJ8

Manual Integrations APPROVED
mohammad
10/20/2019 8:07:30 PM

Quant Time: Oct 19 21:09:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1532462	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	934227	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1846556	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1978609	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2387850	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	691	0.08	ng/uL	0.01
5) Phenol-d5	6.83	99	19096	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	12317	0.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	15277	0.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	14801	0.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	7823	0.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	7157	0.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	15451	0.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	23984	0.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	52800	0.74	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	56503	0.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	8113	0.70	ng/ul	0.00
58) Fluorene-d10	15.30	176	46843	0.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	1255	0.17	ng/ul	0.00
71) Anthracene-d10	17.15	188	74105	0.83	ng/ul	0.00
79) Pyrene-d10	19.44	212	76775	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	88747	0.73	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.49	128	11426620	144.261	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	3035541	51.502	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	964829	13.573	ng/ul	98
48) Acenaphthylene	14.02	152	488891	5.694	ng/ul#	96
50) Acenaphthene	14.37	153	7151420	119.623	ng/ul	99
54) Dibenzofuran	14.70	168	7777578	91.642	ng/ul	99
59) Fluorene	15.36	166	7951368	114.192	ng/ul	99
70) Phenanthrene	17.09	178	21169813m	204.282	ng/ul	
72) Anthracene	17.19	178	4460617	41.654	ng/ul	99
75) Carbazole	17.45	167	2226838	23.277	ng/ul	100
77) Fluoranthene	19.11	202	17735632m	143.904	ng/ul	
80) Pyrene	19.47	202	16255006	131.140	ng/ul#	91
83) Benzo(a)anthracene	21.23	228	6658309	49.665	ng/ul	97
85) Chrysene	21.28	228	4842308	38.899	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	5073513	35.044	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1817281m	13.072	ng/ul	
91) Benzo(a)pyrene	23.36	252	3175001	22.858	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	1477017	8.939	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	441696	3.197	ng/ul#	90
94) Benzo(g,h,i)perylene	26.33	276	1232694	9.061	ng/ul	98

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

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