Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Manual Integrations APPROVED
mohammad
8/28/2019 9:59:49 AM

Quant Time: Aug 27 11:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	11158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	52587m	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	37347m	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	90494	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	82149	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	74550	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	1380	2.46	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	1688	2.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	999	1.20	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	1100	2.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	900	1.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2770	2.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	1823m	1.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	12187	3.71	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	12408	3.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	867	1.78	ng/ul	-0.05
57) Fluorene-d10	15.21	176	11070	4.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	733	1.05	ng/ul	0.02
70) Anthracene-d10	17.07	188	18220	3.80	ng/ul	0.00
78) Pyrene-d10	19.37	212	21216	4.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	15226	3.72	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.02	108	6891	8.486	ng/ul	97
16) 4-Methylphenol	8.35	108	1989	2.228	ng/ul	89
24) 2,4-Dimethylphenol	9.52	107	35501m	30.200	ng/ul	
28) Naphthalene	10.37	128	1335146	460.065	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	55967m	25.030	ng/ul	
40) 1,1'-Biphenyl	13.03	154	34341	11.299	ng/ul	99
49) Acenaphthene	14.27	153	214832	82.373	ng/ul	99
53) Dibenzofuran	14.61	168	161296	41.524	ng/ul	98
58) Fluorene	15.26	166	111402	34.050	ng/ul	100
68) Pentachlorophenol	16.63	266	1703	1.953	ng/ul	94
69) Phenanthrene	17.01	178	172365	31.838	ng/ul	99
71) Anthracene	17.10	178	14079	2.499	ng/ul	99
74) Carbazole	17.39	167	155873	30.633	ng/ul	98
76) Fluoranthene	19.04	202	23965	2.938	ng/ul#	94
79) Pyrene	19.40	202	14188	2.668	ng/ul	98

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

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