Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:57 PM

Quant Time: May 20 05:37:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	65251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	244332	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	169597	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	368364	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	402160	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	453973	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	6.90	99	3371	0.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	2366	0.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	2615	0.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	2245	0.59	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	2335	1.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	748	0.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	2548	0.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	13032	3.40	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	18443	1.51	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	16645	1.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	1320	0.75	ng/ul	-0.01
57) Fluorene-d10	15.38	176	14657	1.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	426	0.20	ng/ul	0.00
70) Anthracene-d10	17.24	188	17759m	1.12	ng/ul	0.00
78) Pyrene-d10	19.53	212	24278	1.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	22642	1.10	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.60	128	21042392	1874.484	ng/ul	95
34) 2-Methylnaphthalene	12.22	142	9415709	1158.448	ng/ul	98
40) 1,1'-Biphenyl	13.21	154	1042373	85.852	ng/ul	99
47) Acenaphthylene	14.12	152	7020255	487.754	ng/ul	98
49) Acenaphthene	14.45	153	415324	41.974	ng/ul	99
53) Dibenzofuran	14.78	168	461385m	30.792	ng/ul	
58) Fluorene	15.44	166	3235827	269.571	ng/ul	99
69) Phenanthrene	17.20	178	15123420	861.654	ng/ul	93
71) Anthracene	17.28	178	3264668	182.855	ng/ul	99
74) Carbazole	17.54	167	35987	2.375	ng/ul#	76
76) Fluoranthene	19.20	202	5705009	257.317	ng/ul	99
79) Pyrene	19.57	202	8399979	347.991	ng/ul	96
82) Benzo(a)anthracene	21.32	228	2933734m	121.203	ng/ul	
84) Chrysene	21.37	228	2456854	106.211	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	1883995	72.715	ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	533994m	20.983	ng/ul	
90) Benzo(a)pyrene	23.50	252	2263561	92.833	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	875793	31.522	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	247492	10.417	ng/ul#	93
93) Benzo(g,h,i)perylene	26.61	276	919911	39.998	ng/ul	97

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

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