Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020362.D
Acq On : 17 May 2019 13:23
Operator : JU/SJ
Sample : K2604-19DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ90DL

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:15 PM

Quant Time: May 18 03:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	70791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	264100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	158851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	361682	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	356693	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	390436	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	114	0.06	ng/uL	0.00
5) Phenol-d5	6.91	99	3584	0.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.09	67	2446	0.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	3062	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	2172	0.53	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	757	0.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	635	0.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	1770m	0.44	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11828	1.03	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	13892	0.97	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.38	176	11010	1.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	20023m	1.29	ng/ul	0.00
78) Pyrene-d10	19.53	212	20551	1.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	20030	1.13	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.11	152	102014	7.567	ng/ul	99
71) Anthracene	17.27	178	42963	2.451	ng/ul	99
76) Fluoranthene	19.20	202	421430	19.359	ng/ul	99
79) Pyrene	19.56	202	896740	41.885	ng/ul	98
82) Benzo(a)anthracene	21.32	228	335753m	15.639	ng/ul	
84) Chrysene	21.37	228	327117	15.944	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	361090	16.205	ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	107786m	4.925	ng/ul	
90) Benzo(a)pyrene	23.50	252	347428	16.567	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	175273	7.335	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	48011	2.350	ng/ul#	93
93) Benzo(g,h,i)perylene	26.61	276	177472	8.972	ng/ul#	97

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

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