Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024840.D
Acq On : 11 Feb 2020 18:39
Operator : CG/JU
Sample : L1405-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P2

Manual Integrations APPROVED
mohammad
2/12/2020 3:52:32 PM

Quant Time: Feb 12 04:55:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:40:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	334343	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1300851	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	824131	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1677439	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1572403	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1649829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	28958	4.17	ng/uL	0.00
5) Phenol-d5	6.60	99	508399	22.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	306429	24.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	464827	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	423474	22.60	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	228050	24.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	272067	24.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	488099	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	600535	28.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1537710	24.72	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1781085	24.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	190211	18.82	ng/ul	0.00
58) Fluorene-d10	15.06	176	1310087	23.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	207788	19.00	ng/ul	0.00
71) Anthracene-d10	16.90	188	1942595	25.37	ng/ul	0.00
79) Pyrene-d10	19.22	212	2136601	27.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2233519	26.95	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	378999	4.144	ng/ul	99
77) Fluoranthene	18.87	202	644735	5.742	ng/ul	98
80) Pyrene	19.24	202	572781	5.503	ng/ul	97
83) Benzo(a)anthracene	21.00	228	319509	3.017	ng/ul	99
85) Chrysene	21.06	228	296456	2.843	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	437963	4.175	ng/ul#	96
89) Benzo(k)fluoranthene	22.54	252	147692m	1.463	ng/ul	
91) Benzo(a)pyrene	23.03	252	246521	2.621	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	241972	2.066	ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	229023	2.352	ng/ul	99

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

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