Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024815.D
Acq On : 10 Feb 2020 19:17
Operator : CG/JU
Sample : L1402-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6L6

Manual Integrations APPROVED
mohammad
2/12/2020 9:50:31 AM

Quant Time: Feb 11 04:09:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	257473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1017438	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	672519	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1501024	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1530426	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1600422	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	16749	3.13	ng/uL	0.00
5) Phenol-d5	6.60	99	292963	17.13	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	176458	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	271334	17.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	221849	15.37	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	132510	18.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	151599	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	284426	16.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	345199	21.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	986228	19.43	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1145116	19.32	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	119344	14.47	ng/ul	0.00
58) Fluorene-d10	15.06	176	863870	19.22	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	136549	13.96	ng/ul	0.00
71) Anthracene-d10	16.90	188	1262599	18.43	ng/ul	-0.01
79) Pyrene-d10	19.22	212	1584861	20.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1670965	20.79	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	126157	1.541	ng/ul	98
77) Fluoranthene	18.88	202	229891	2.288	ng/ul	99
80) Pyrene	19.24	202	326854	3.226	ng/ul	98
83) Benzo(a)anthracene	21.01	228	174494	1.693	ng/ul	97
85) Chrysene	21.06	228	235166	2.317	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	324863	3.192	ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	121355m	1.239	ng/ul	
91) Benzo(a)pyrene	23.03	252	204580	2.242	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	143607	1.264	ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	136770	1.448	ng/ul	96

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

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