Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024794.D
Acq On : 08 Feb 2020 12:03
Operator : CG/JU
Sample : L1400-13
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H9

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:40 AM

Quant Time: Feb 10 01:14:04 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	315952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1228129	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	830488	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1832092	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1816432	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1818959	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	27952	4.26	ng/uL	0.00
5) Phenol-d5	6.60	99	497571	23.71	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	308099	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	458984	24.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	425315	24.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	227854	25.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	277349	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	495277	23.40	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	561174	28.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1673710	26.70	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1865396	25.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	231823	22.76	ng/ul	0.00
58) Fluorene-d10	15.06	176	1426110	25.69	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	250936	21.01	ng/ul	0.00
71) Anthracene-d10	16.91	188	2088904	24.98	ng/ul	0.00
79) Pyrene-d10	19.22	212	2335884	25.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2299239	25.17	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.53	163	171561	2.623	ng/ul	100
59) Fluorene	15.12	166	67107	1.067	ng/ul	97
70) Phenanthrene	16.85	178	1247089	12.484	ng/ul	99
72) Anthracene	16.94	178	315202	3.111	ng/ul	99
77) Fluoranthene	18.88	202	2474635	20.180	ng/ul	100
80) Pyrene	19.24	202	2024116	16.835	ng/ul	100
83) Benzo(a)anthracene	21.01	228	1204359	9.843	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.98	149	137571	1.933	ng/ul	100
85) Chrysene	21.06	228	1087442	9.028	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1544982	13.357	ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	418726m	3.761	ng/ul	
91) Benzo(a)pyrene	23.03	252	918917	8.862	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	677074	5.245	ng/ul	98
93) Dibenzo(a,h)anthracene	25.18	278	180554	1.641	ng/ul#	95
94) Benzo(g,h,i)perylene	25.80	276	497731	4.636	ng/ul	100

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

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